

Lebanon Valley College BULLETIN

Vol. 8 (New Series)

June, 1920


No. 3

Fifty-Third Annual Catalog
Number

PUBLISHED BY
LEBANON VALLEY COLLEGE
ANNVILLE, PA.

SOWERS PRINTING COMPANY
LEBANON, PA.





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JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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1921

JANUARY							FEBRUARY							MARCH							APRIL						
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SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
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COLLEGE CALENDAR

1919-1920

Sept. 15-16...	Monday-Tuesday.....	Examination and Registration of students.
Sept. 17.....	Wednesday 9:00 a. m.....	College year began.
Nov. 21.....	Friday.....	Anniversary Clonian Literary Society.
Dec. 20.....	Saturday 9:00 a. m.....	Christmas recess began.
Jan. 5.....	Monday 1:00 p. m.....	Christmas recess ended.
Jan. 26-30...	Monday-Friday.....	Mid-year examinations.
Feb. 2.....	Monday.....	Second Semester began.
Mar. 31.....	Wednesday 4:00 p. m.....	Easter recess began.
Apr. 6.....	Tuesday 4:00 p. m.....	Easter recess ended.
Apr. 9.....	Friday.....	Forty-third Anniversary Kalozetean Literary Society.
May 7.....	Friday.....	Fifty-third Anniversary . Philokosmian Literary Society.
May 15.....	Saturday 2:00 p. m.....	Annual May Day exercises.
June 5.....	Saturday 8:00 p. m.....	Junior Oratorical Contest.
June 6.....	Sunday 10:00 a. m.....	Annual Baccalaureate exercises.
June 6.....	Sunday 7:45 p. m.....	Annual address before the Christian Associations.
June 7.....	Monday 11:00 a. m.....	Annual Meeting Board of Trustees.
June 7.....	Monday 8:00 p. m.....	Exercises by the graduating classes in Music and Oratory.
June 8.....	Tuesday 2:00 p. m.....	Class Day exercises.
June 8.....	Tuesday 7:00 p. m.....	Annual business session of the Alumni Association.
June 8.....	Tuesday 8:00 p. m.....	Annual Alumni luncheon.
June 9.....	Wednesday 10:00 a. m.....	Fifty-third Annual Commencement.
June 9.....	Wednesday 8:00 p. m.....	Annual Shakespearean Play.

1920-1921

Sept. 20-21...	Monday-Tuesday.....	Examination and registration of students.
Sept. 22.....	Wednesday 9:00 a. m.....	College year begins.
Nov. 19.....	Friday 8:00 p. m.....	Fiftieth Anniversary Clonian Literary Society.
Nov. 24.....	Wednesday 4:00 p. m.....	Thanksgiving recess begins.
Nov. 25.....	Thursday.....	Thanksgiving day.
Nov. 28.....	Monday 9:00 a. m.....	Thanksgiving recess ends.
Dec. 18.....	Saturday 1:00 p. m.....	Christmas recess begins.
Jan. 3.....	Monday 1:00 p. m.....	Christmas recess ends.
Jan. 31-Feb.4	Monday-Friday.....	Mid-year examinations.
Feb. 7.....	Monday.....	Second semester begins.
Mar. 23.....	Wednesday 4:00 p. m.....	Easter recess begins.
Mar. 30.....	Tuesday 4:00 p. m.....	Easter recess ends.
April 8.....	Friday 8:00 p. m.....	Fourty-fourth Anniversary Kalozetean Literary Society.
May 6.....	Friday 8:00 p. m.....	Fifty-fourth Anniversary Philokosmian Literary Society.
May 7.....	Saturday 2:00 p. m.....	Annual May Day exercises.
June 11.....	Saturday 8:00 p. m.....	Annual Junior Oratorical Contest.
June 12.....	Sunday 10:00 a. m.....	Annual Baccalaureate exercises.
June 12.....	Sunday 8:00 p. m.....	Annual address before the Christian Associations.
June 13.....	Monday 11:00 a. m.....	Annual Meeting of the Board of Trustees.
June 13.....	Monday 8:00 p. m.....	Graduating exercises by the graduating classes in Music and Oratory.
June 14.....	Tuesday 2:00 p. m.....	Annual Class Day exercises.
June 15.....	Wednesday 10:00 a. m.....	Fifty-fourth Annual Commencement.

THE CORPORATION

BOARD OF TRUSTEES

Representatives from the Pennsylvania Conference

E. N. Funkhouser, A.B.	Hagerstown, Md.	1920
Hon. W. N. McFaul, LL.B.	Baltimore, Md.	1920
Rev. W. N. Beattie	Greencastle, Pa.	1920
Rev. E. H. Hummelbaugh	Frederick, Md.	1920
Rev. A. N. Horn, D.D.	Baltimore, Md.	1920
Rev. J. E. Kleffman, A.B., D.D.	Baltimore, Md.	1921
Rev. S. G. Ziegler, A.B., B.D.	Hagerstown, Md.	1921
Rev. M. R. Fleming, B.D., Ph.D.	Red Lion, Pa.	1921
Rev. F. B. Plummer, A.B.	Carlisle, Pa.	1921
Rev. F. L. Stine, A.B.	Mt. Alto, Pa.	1921
Rev. A. B. Statton, A.M., D.D.	Hagerstown, Md.	1922
Rev. P. R. Koonts, A.B.	Mechanicsburg, Pa.	1922
Rev. L. Walter Lutz, A.B., D.D.	Chambersburg, Pa.	1922
W. O. Appenzellar	Chambersburg, Pa.	1922

Representatives from the East Pennsylvania Conference

J. G. Stehman	Mountville, Pa.	1920
G. F. Breinig	Allentown, Pa.	1920
Rev. I. M. Hershey, A.M., B.D.	Myerstown, Pa.	1920
Rev. S. F. Daugherty, A.M., B.D., D.D.	Columbus, O.	1921
J. R. Engle, A.B., LL.B.	Palmyra, Pa.	1921
I. B. Haak	Myerstown, Pa.	1921
Hon. A. S. Kreider, LL.D.	Annaville, Pa.	1921
Rev. J. A. Lyter, A.M., D.D.	Harrisburg, Pa.	1921
Rev. E. O. Burtner, A.M., D.D.	Palmyra, Pa.	1922
Rev. S. C. Enck, D.D.	Philadelphia, Pa.	1922
Rev. G. D. Batdorf, Ph.D.	Lancaster, Pa.	1922

Representatives from Virginia Conference

Rev. A. J. Secrist	Churchville, Va.	1920
Prof. J. N. Fries, A.M.	Berkeley Springs, W. Va.	1920
Elmer Hodges	Winchester, Va.	1921
Rev. J. H. Brunk, D.D.	Berkeley Springs, W. Va.	1921
Rev. W. F. Gruver, D.D.	Martinsburg, W. Va.	1922
Rev. A. S. Hammack, D.D.	Dayton, Va.	1922

Trustees at Large

H. S. Immel	Mountville, Pa.
Warren A. Thomas, A.B.	31 Miami Ave., Columbus, O.
A. J. Cochran	Dawson, Pa.
Jack L. Straub	Lancaster, Pa.
C. M. Coover	Annaville, Pa.
Henry Wolf, A.B.	Mt. Wolf, Pa.
J. E. Gipple	Harrisburg, Pa.

Alumni Trustees

H. H. Hoy, A.B., '99	Millersburg, Pa.	1920
Prof. H. H. Baish, A.M., '01	Harrisburg, Pa.	1921
Prof. H. H. Shenk, A.M., '99	Annaville, Pa.	1922

OFFICERS AND COMMITTEES OF THE BOARD

Officers

President.....	Hon. A. S. Kreider
Vice-President.....	E. N. Funkhouser
Secretary and Treasurer.....	Prof. A. E. Shroyer

Executive Committee

A. S. Kreider	J. R. Engle	W. F. Gruver
A. B. Statton		F. B. Plummer

Finance Committee

A. S. Kreider	E. N. Funkhouser	Henry Wolf
G. D. Gossard	C. M. Coover	J. R. Engle
A. E. Shroyer	Jack L. Straub	W. F. Gruver

Library and Apparatus Committee

J. E. Lehman	E. H. Hummelbaugh
A. J. Secrist	R. R. Butterwick

Faculty Committee

A. B. Statton	A. S. Hammack
H. E. Miller	H. H. Baish

Auditing Committee

J. A. Lyter	S. G. Ziegler	Elmer Hodges
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Grounds and Buildings Committee

S. F. Daugherty	J. N. Fries	W. M. Beattie
M. R. Fleming		G. F. Breinig

Farm Committee

A. N. Horn	E. O. Burtner	J. H. Brunk
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Publicity Committee

F. L. Stine	I. Moyer Hershey	L. Walter Lutz
G. F. Breinig		S. O. Grimm

Nominating Committee

I. Moyer Hershey	A. J. Secrist
M. R. Fleming	H. H. Hoy

FACULTY

GEORGE DANIEL GOSSARD, B.D., D.D.

President and Professor of Education

JOHN EVANS LEHMAN, A.M., Sc.D.

Professor of Mathematics and Astronomy

JAMES T. SPANGLER, A.M., D.D.

Professor of Philosophy and Religious Education

H. H. SHENK, A.M.

Professor of History

SAMUEL HOFFMAN DERICKSON, M.S.

Professor of Biological Sciences

ALVIN E. SHROYER, D.D.

Secretary of the Faculty, Registrar, and Professor of Greek and Bible

SAMUEL O. GRIMM, B.Pd., A.M.

Professor of Education and Physics

CHRISTIAN R. GINGRICH, A.B., LL.B.

Professor of History and Political Science

CHARLOTTE F. McLEAN, A.B., Ph.D.

*Josephine Bittinger Eberly Professor of Latin Language
and Literature*

PAUL S. WAGNER, A.B.

Mathematics—on leave of absence

MALCOLM M. HARING, A.M.

Professor of Chemistry

WILLIAM N. MARTIN, A.B.

*Principal of the Academy and Instructor in Mathematics
and Zoology*

T. BAYARD BEATTY, A.B.,

Professor of English

PAUL L. STRICKLER, A.B.,

Physical Director and Coach

FACULTY

MAY BELLE ADAMS, B.L.I.
Professor of Oratory and Public Speaking

EMMA R. SCHMAUK, A.B.
Professor of French

MRS. MARY C. GREEN
Instructor in French

MRS. MARY K. STEHMAN, A.B.
Librarian and Dean of Women

ASSISTANTS

JENNIE S. SEBASTIAN
Assistant in Biology

EARL S. GINGRICH
Assistant in Chemical Laboratory

ALBERT BARNHART
Agent of the Finance Committee

IRVIN E. RUNK, B.D., D.D.
College Pastor

ANNA GARMAN FORRY
Stenographer

HISTORY OF THE COLLEGE

Lebanon Valley College originated in the action of the East Pennsylvania Conference of the United Brethren Church at its annual session held at Lebanon in March, 1865. Resolutions were passed deciding the question of establishing a higher institution of learning to be located within the bounds of the East Pennsylvania or of the Pennsylvania Conference. One year later the committee appointed, recommended in its report: First, the establishment of a school of high grade under the supervision of the church; second, to accept for this purpose the grounds and buildings of what was then known as the Annville Academy, tendered as a gift to the Conference; and, third, to lease the buildings and grounds to a responsible party competent to take charge of the school for the following year. School opened May 7, 1866, with forty-nine students. By the close of the collegiate year one hundred and fifty-one were enrolled, thus demonstrating at once the need of such an institution in this locality and the wisdom of the founders.

In April, 1867, the Legislature granted a charter with full university privileges under which a College faculty was organized with Rev. Thomas Rees Vickroy, Ph.D., as president, and Prof. E. Benjamin Bierman, A.M., as principal of the Normal Department. The same year the Philokosmian Literary Society was organized by the young men, additional land was purchased and a large brick building erected thereon with chapel, recitation rooms, president's office, and apartments for sixty boarding students. This building was not furnished and fully occupied till the fall of 1868.

The first regular commencement was held June 16, 1870. About two years later opposition to the school manifested itself and President Vickroy stated in his report to the annual Conference that the attendance of students was reduced from one hundred to seventy-five, the cause of this diminution being persistent opposition on the part of certain brethren.

President Vickroy directed the affairs of the institution for five years, from 1866 to 1871. During his administration the charter was prepared and granted by the State Legislature, the laws and regulations for the internal workings framed and adopted, the curriculum established, and two classes—those of 1870 and 1871—were graduated. In June, 1871, Prof. Lucian H. Hammond was elected president. During his term of office five classes were graduated, the Clionian Literary Society organized by the ladies, and the College made steady and substantial progress, but failing health compelled him to resign in June, 1876.

Rev. David D. DeLong, D.D., became the third president. He found it necessary to reorganize the faculty and retain but two of the former

teachers. The Kalozetean Literary Society was instituted to awaken interest in literary work among the young men by means of a healthy rivalry, and the music department was organized. In the summer of 1883 a large two-story frame building was erected on College Avenue, containing an art room, music rooms, the department of natural science, a museum and the College library. During his presidency one hundred and seven students were graduated, fourteen in music and ninety-three in the literary department.

After an interregnum of several months Rev. Edmund S. Lorenz, A.M., was elected president and took up the work with energy and ability. Enlargement was his motto and the friends of the College rallied to his support. Post graduate studies were offered. "The College Forum" made its appearance under the editorship of the Faculty. With a devotion that won the admiration of his friends he labored incessantly for nearly two years to make the College the peer of any in the State, but under this strain his health failed and he was obliged to retire at the close of the collegiate year of 1889.

The fifth president, Rev. Cyrus J. Kephart, D.D., assumed the duties of his office at the opening of the fall term in 1889. He secured creditable additions to the endowment fund but because of discouraging conditions declined re-election at the close of the first year.

The question of re-locating the College agitated its constituency, divided its friends and greatly hindered its progress. Some were almost in despair, others were indifferent, while others hoped and waited for the best. Under these conditions the Board of Trustees met in special session July 28, 1890, and called Dr. E. Benjamin Bierman to the presidency. He was inaugurated on the evening of the sixth of November following. Buildings were renovated, a large number of students enrolled and the Mary A. Dodge Fund of ten thousand dollars received, "the interest of which only is to be loaned without charge to such pious young people as the Faculty of the College may deem worthy of help as students." The Silver Anniversary of the College was celebrated June 15, 1892, when money was raised to purchase about three acres of ground to be added to the college campus. With the experience of twenty-five years of earnest effort to combat opposition and overcome errors and misconceived notions of higher education and to build up an institution of learning creditable to the United Brethren Church, the friends of the College entered upon the second quarter of a century with new hope and aspiration.

President Bierman served successfully until the spring of 1897, when he was succeeded by Rev. Hervin U. Roop, Ph.D., who held the office until January 1, 1906, after which time the administration was in the hands of the Executive Committee and the Faculty until the election of Rev. A. P. Funkhouser, A.M., March 9, 1906.

The presidency of Dr. Roop stands out as the period when the group system in the College curriculum was introduced, when the athletic field was acquired, when the disastrous fire of December 24, 1904, occurred, sweeping away the Administration Building in a few hours, and when several new buildings arose on the campus—Engle Music Hall 1899, and the Carnegie Library and Women's Dormitory in 1904. The recuperative powers of the institution were put to the test by the destruction of the main building. At a meeting held January 5, 1905, the friends of the College, resolved, amid unusual enthusiasm to rebuild at once and with the stimulus of a gift of fifty thousand dollars from Andrew Carnegie received by the President, who had previously secured \$20,000 from the same source plans were matured by which to raise one hundred thousand dollars for this purpose. The erection of three new buildings was projected—the Men's Dormitory, the Central Heating Plant and the new Administration Building, the latter being completed under the supervision of President Funkhouser, whose term of office is marked also by a strenuous effort to meet the debt which rose to ninety thousand dollars. Bonds were issued to the amount of fifty thousand dollars and the co-operative college circles organized to relieve the financial conditions.

Rev. Lawrence Keister, S. T. B., D.D., was elected president of the College, June 10, 1907, at the annual session of the Board of Trustees. He solicited \$7,700 for the equipment of the Science Department, secured the Mills Scholarship of \$1,000 and the Immel Scholarship of \$2,000. The debt effort authorized by the Board, June 3, 1908, was carried forward successfully, \$50,000 having been pledged before January 1, 1909, according to the condition of the pledge which also required the continuation of the canvass to secure another \$50,000 in order to cover the entire debt. At the death of Rev. Daniel Eberly, D.D., July 9, 1910, whose will bears date of September 17, 1909, the College came into possession of property valued at about \$45,000, the major portion being given for the endowment of the Latin Chair.

In June, 1912, President Keister presented his resignation to the Board of Trustees and in September the Rev. Dr. George D. Gossard, of Baltimore, Md., was elected president. He at once entered upon the duties of his office to which he brings conscientious devotion and intelligent enthusiasm.

Plans were immediately adopted and the wheels set in motion to increase the effectiveness and enhance the utility of the college by materially increasing the attendance which, as a result rose by the close of the 1912-1917 period to almost four hundred and fifty students. But the work of the college was hampered more than ever by an increasing shortage of funds. The co-operating conferences came to the rescue, but even then the new demands upon the college made it imperative that the educa-

tional work of the Church be given permanent financial aid. The outstanding feature of the present administration is the raising of an endowment fund of \$400,000 to provide this support. This result, unsuccessfully sought for during the last fifty years, was achieved through a special campaign inaugurated December 27, 1917, at a joint meeting of the East Pennsylvania, Pennsylvania, and Virginia Conferences held in the Sixth Street United Brethren church, Harrisburg, Pa. At this meeting the goal was fixed at \$350,000, and it was stipulated that the entire sum should be used for additional endowment. The month of June, 1918, was fixed as the time for the intensive campaign. The Y. M. C. A. plan of raising large funds was adopted and adapted to local needs. By means of an intensive organization of the conferences all members and other friends of the church in the co-operating territory were asked to contribute to the fund. The campaign closed June 26, 1918, with subscriptions amounting to almost \$400,000.

GENERAL INFORMATION

The College is situated in Annville, a progressive and cultured town twenty-one miles east of Harrisburg in the beautiful, healthful and fertile Lebanon Valley.

BUILDINGS AND GROUNDS

There are eight buildings on the campus: the Administration Building, the Carnegie Library, the Engle Conservatory of Music, the Women's Dormitory, the Men's Dormitory, South Hall, the Heating Plant and President's Residence.

THE ADMINISTRATION BUILDING contains the recitation rooms of the College and the laboratories of the science departments. The department of art has here commodious and modern quarters. The administrative offices of fireproof construction are on the first floor.

The Alumni Gymnasium occupies the ground floor. Here are provided over seven thousand square feet of floor space for the use of the department of physical culture and the promotion of athletic activities. The gymnasium has, in addition to the gymnasium floor, separate locker rooms for the teams, for the men, and for the girls, an apparatus room, and shower baths.

THE CARNEGIE LIBRARY, erected in 1904, furnishes commodious quarters for the growing library of the College.

Two large reading rooms on the first floor, splendidly lighted and ventilated, and beautifully furnished, are provided with the leading magazines and daily papers. Periodicals devoted to the special work of each department are here, as well as magazines of general literature. On the second floor are six seminar rooms designed to be equipped with the special works of reference for the various departments.

THE ENGLE CONSERVATORY OF MUSIC, erected in 1899, contains the college chapel, a directors' office and studio, practice rooms, and a large society hall. The building is well equipped with pianos and a large pipe organ.

THE WOMEN'S DORMITORY, NORTH HALL, was erected in 1905, and is a building of beautiful proportions. In addition to rooms which will accomodate forty-five students, there are a society hall, a dining hall, a well-equipped kitchen, and laundry.

THE MEN'S DORMITORY, erected in 1905, contains single and double rooms and sixteen suites of two bed-rooms with a separate study-room. These afford accomodations for more than one hundred students.

THE WOMEN'S DORMITORY, SOUTH HALL, the original building of the institution, acquired by gift in 1866, when the College was founded, has been re-modeled and is now used as a women's dormitory.

THE HEATING PLANT, erected in 1905, contains a low pressure heating system, and supplies the heat for all the buildings on the campus. It is constructed with a view to the installation of a lighting plant.

THE PRESIDENT'S RESIDENCE, is situated on the northwest corner of the campus.

THE CAMPUS of twelve acres, occupies a high point in the center of Annville and is within easy access of trolley and railroad lines.

THE ATHLETIC FIELD of five and one-half acres is well located and admirably adapted to the purpose for which it is intended.

LABORATORIES

The entire northern half of the Administration Building is occupied by the Departments of Science. The Department of Chemistry occupies the first floor; Physics, the second; and Biology, the third.

The laboratories of each department are constructed after the most approved modern methods. The lecture rooms are provided with risers and Columbia tablet chairs.

RELIGIOUS ACTIVITIES

The College has always tried to furnish religious training, and encourages all means of promoting Christian influence. Each morning a regular service is held in the College Chapel, at which the students are required to be present.

A students' prayer-meeting is held once a week, and opportunities for Bible study and mission study are offered by the Christian Associations in addition to those afforded by the regular curriculum.

All resident students of the College are expected to attend public worship in the churches of their choice, every Sunday.

Christian Associations The College has Young Men's and Young Women's Christian Associations, which hold regular weekly devotional services and conduct special courses of Bible and mission study. They are centers of the spiritual interests of the students and deserve the hearty support of all connected with the college.

Under these auspices public lectures, entertainments and socials are held, which contribute to the pleasure of the student body.

COLLEGE ORGANIZATIONS

Literary Societies Excellent opportunities for literary improvement and parliamentary training are afforded by the societies of the College. There are three of these societies—Philokosmian, Kalozetean, and Clionian, the latter sustained by the young ladies. They meet every Friday evening in their well-furnished halls for literary exercises. These societies are considered valuable agencies in college work, and students are advised to unite with one of them.

Athletic Association The Athletic Association is composed of all the students of the College and the cooperating Alumni. Athletics are controlled by a Council consisting of ten members as follows:—three faculty members appointed by the President; three Alumni members appointed by the Alumni members of the Athletic Association; three Undergraduates elected by the undergraduate members of the Athletic Association, and the Athletic Editor of "The Crucible." The Graduate Manager and the Coach are ex-officio members of the Council without a vote.

The Mathematical Round Table The Mathematical Round Table is an organization of the students of the College who are interested in mathematical studies. Its object is to create interest in and love for the "exact science." Its meetings are held on the last Wednesday evening of each month. Papers on mathematical history and biography are read and discussed. Current events in the mathematical world and papers on various mathematical subjects make the meetings very interesting and helpful.

THE SCIENTIFIC SOCIETY

The Scientific Society is devoted to the interests of the three Departments of Science,—Biology, Chemistry and Physics. Its purpose is to allow those interested in and specializing in the sciences to consider and discuss scientific subjects that cannot properly be taken up in the classroom. It holds its meetings on the first and third Tuesday evenings of each month. At each meeting, original papers are read by the various members. These papers cover subjects in which the members have had practical experience, or subjects in which they are particularly interested. General discussion follows the reading of both papers and current events. The members of the Faculty of Science also take an active part in these meetings and act in an advisory capacity to the Society.

STUDENT PUBLICATION

A group of students possessing ability in management and composition are nominated by the Faculty to publish, semi-monthly, "The Crucible."

This student publication affords training of a highly specialized character to a number of students interested in editorial work.

LITERARY AND MUSICAL ADVANTAGES

During the college year, the student body has the privilege of hearing lectures and talks delivered by men of note in Church and literary circles.

The department of music together with the department of public speaking presents a number of programs during the year. Concerts and recitals by prominent musicians are given under the patronage of the Department of Music with the aim of creating in the student an appreciation for the best in art.

There is a lively interest in the drama. Various college organizations have presented Shakespearean and other plays of a high grade.

ADMINISTRATION

Advisers The following are the advisers for the students in each of the four groups in which courses of instruction are offered: For the Classical group, Professor Shroyer; for the Science group, Professor Derickson; for the Historical-Political, Professor Gingrich; for the Modern Language, Doctor McLean; Professor Spangler is adviser to all Freshmen. The adviser's approval is necessary before a student may register for or enter upon any course of study, or discontinue any work. He is the medium of communication between the Faculty and the students of his group, and, in a general way, stands to his students in the relation of a friendly counselor.

Discipline The rules of the College are as few and simple as the proper regulation of a community of young men and women will permit. The government of the dormitories is under the immediate control of the student councils, committees of students authorized by the College authorities.

Classification Every student residing in the dormitory must take at least fifteen hours of work as catalogued. Any student failing to pass ten (10) hours of work at the close of each semester will be required to withdraw from the institution.

The maximum number of hours, conditioned, permitted for senior standing is four; for junior standing, six; for sophomore standing, six; for freshman standing, six.

The permitted number of extra hours of work, above that prescribed by the curriculum, is limited by the student's previous record, as follows:

- (a) Majority of A's—four hours.
- (b) Majority of B's—two hours.
- (c) Lower record than majority of B's—no extra hours.

No students will be given credit for more than twenty-two (22) hours in any twelve months.

Credits for work done in other institutions, for which advanced standing is desired, must be submitted to the committee on College Credits and a copy filed with the Registrar.

Class Standing Reports of standing will be made to parents or guardian at the end of each term when desired by them, or when the Faculty deems it expedient. The standing is indicated generally by classification in six groups, as follows:

A signifies that the record of the student is distinguished.

B signifies that the record of the student is very good.

C signifies that the record is good.

D signifies the lowest sustained record.

E (conditioned) imposes a condition on the student.

Failing to make up a condition at an appointed time is equal to a record of F.

F (failed completely) signifies that the student must drop or repeat the subject, and cannot be admitted to subjects dependent thereon.

If the student's record as a whole is poor, he may be required to repeat certain subjects, to repeat the year's work, or to withdraw.

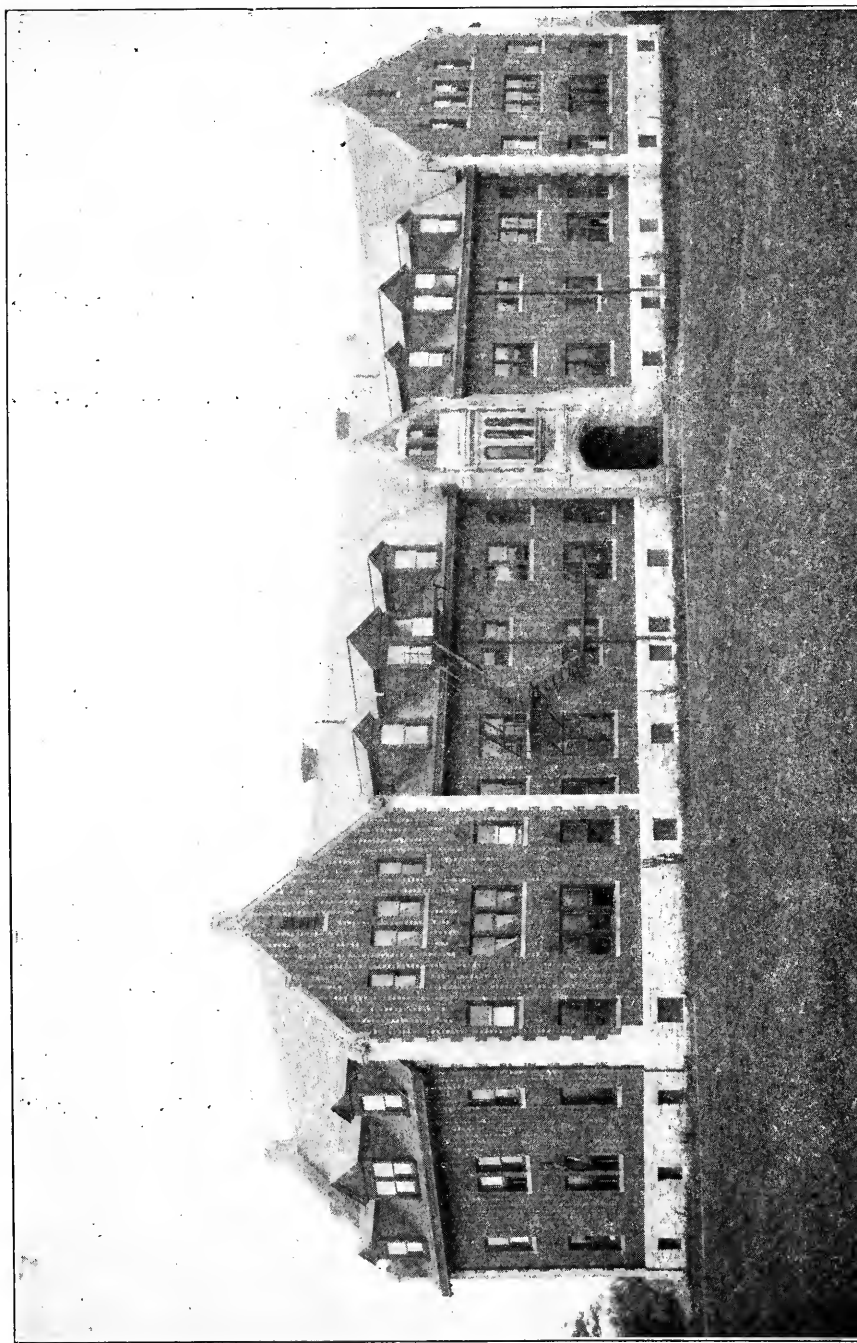
Admission Students wishing to enter Lebanon Valley College must present credits from high schools, normal schools, and academies before the time of matriculation. Blanks for such credits may be had on application to the Registrar.

Registration The registration days for the collegiate year 1920-1921 are as follows: September 20, 21, 22, and Thursday, February 3, and Friday February 4, preceding the opening of the second semester. Students registering later than the days specified will be charged a fee of one dollar.

Registration is not complete until the Registrar has affixed his signature to the matriculation card and a copy of same has been filed with the Registrar.

Absences Should a student be absent once beyond double the number of times a class meets each week, he will be required to take a special examination, for which a fee of one dollar will be charged. Such examination must be taken within a week of the excess absence; otherwise the student will lose his class standing. Absences immediately preceding or following vacation will be counted double cuts.

Chapel All students are required to attend the morning chapel service. Failure to attend will be ground for action by the Faculty upon recommendation of the Committee on Chapel Attendance.





Limitations Students are limited to two of the following college activities: Quittapahilla, Glee Club, Plays, Foot Ball, Basket Ball and Base Ball. This regulation can be set aside only by a special action of the faculty.

No games between college organizations may be engaged in during study hours except by permission of the Faculty.

Degree and Diploma The degree of Bachelor of Arts or Bachelor of Science is conferred by a vote of the Board of Trustees on recommendation of the Faculty, upon students who have satisfactorily completed sixty-nine hours of work in any of the groups.

GRADUATE WORK

The College will accept candidates for the Master's degree subject to the following considerations:

(1) That when an applicant seeks the Master's degree in one year, the entire year be spent in residence.

(2) That when an applicant prefers to do the work designated for the degree in non-residence, at least two years be devoted to the pursuit of the course, and not more than five years.

(3) That fourteen hours be required for the degree—six hours of minor subjects and eight hours of major subjects, four of which shall be devoted to research work in connection with the required thesis.

(4) That no arrangement will be made to do this work by correspondence.

(5) That students pursuing undergraduate courses for the Master's degree must maintain a grade of eighty-five per cent (85%) in all such courses.

(6) That the registration fee be the same as the annual matriculation fee.

(7) That the tuition for the work done outside the regular college classes shall be arranged for with the teachers concerned.

(8) That the tuition fee for work done in the regular undergraduate classes shall be four dollars (\$4) per hour; the Registrar's fee for work done outside the regular college classes shall be two and one half dollars (\$2.50) per hour; the additional fee for work done outside the regular college classes to be arranged for with the teachers concerned.

SCHOLARSHIPS AND LOANS

The College offers a limited number of one hundred and forty dollar free tuition scholarships, \$70 a year for two years, to honor graduates of the State Normal Schools and approved High Schools and Academies. One scholarship is allotted to the first honor graduate of our own Academy.

The College also offers a free tuition scholarship of \$70 a year for two

years to a literary graduate of Shenandoah Collegiate Institute, Dayton Va. The recipient of that scholarship will be determined by Lebanon Valley College.

Graduates of High Schools and Academies whose standard is not equal to that of our own Academy, may enter the senior year of the Academy and become competitors for our own Academy scholarship.

Honor graduates of preparatory schools who have conditions may be allowed to make them up in the freshman year. If the first semester's work shows a majority of A's and nothing less than B in all work including conditions, a scholarship may be awarded.

The Bishop J. S. Mills Scholarship Fund

This fund, established by a gift of \$1,000, is available.

The H. S. Immel Scholarship Fund

This fund, established by a gift of \$2,000, is available "for young men in college who are preparing for the ministry in the Church of the United Brethren in Christ."

The Eliza Bittinger Eberly Fund

This fund consists of the income of a farm located near East Berlin, Adams County, Pa.

The Daniel Eberly Fund

This fund is available and is to be loaned to worthy students seeking an education in college.

The Rev. H. C. Phillips Scholarship Fund

This fund established by a gift of \$1,300 in memory of Rev. H. C. Phillips, given by his wife and daughter, is available for young men preparing for the ministry.

The Mary A. Dodge Fund

The income from this fund is loaned to worthy students.

The Charles B. Rettew Scholarship

This scholarship in Bonebrake Theological Seminary is limited to students from the East Pennsylvania Conference and Lebanon Valley College.

The Dr. Henry B. Stehman Fund

This fund has been provided by Dr. Henry B. Stehman to help needy ministerial students. This fund is awarded by the President of the College.

Elizabeth A. Mower Scholarship Fund

This fund was provided by a gift of \$200 from Miss Elizabeth A. Mower, the income of which is to be used to help a needy student.

SCHOLARSHIPS SECURED DURING THE RECENT ENDOWMENT CAMPAIGN

The following is a list of Scholarship Funds which were subscribed during the endowment campaign to raise at least \$350,000 and the recent Interchurch drive. This will all be paid by October, 1922. At present only a part of these funds is available.

The Biological Scholarship.....	\$3,010.00
The Medical Scholarship.....	825.00
The Harvey E. Herr Memorial Scholarship Fund.....	1,000.00
The William E. Duff Scholarship Fund.....	1,000.00
The C. C. Gingrich Scholarship Fund.....	2,000.00
The Harvey L. Seltzer Scholarship Fund.....	2,000.00
The S. F. Engle Scholarship Fund.....	2,000.00
The Ezra G. Ranck and Wife Scholarship Fund.....	1,000.00
The Mary C. Bixler Scholarship Fund.....	1,000.00
The Edwin M. Hershey Scholarship Fund.....	1,500.00
The Otterbein Sunday School, Harrisburg, Scholarship Fund....	1,100.00
The Henry C. and Anna S. Kaufman and Family Scholarship Fund.....	1,000.00
The Barbara June Kettering Scholarship Fund.....	1,000.00
The Dorothy Jean Bachman Scholarship Fund.....	1,000.00
The Mrs. Elizabeth H. Millard Memorial Scholarship Fund....	5,000.00
The H. S. Immel Scholarship Fund (Second and third funds)...	4,500.00
The Sophia Plitt Scholarship Fund.....	3,366.00
The G. D. Gossard and Wife Scholarship Fund.....	1,000.00

EXPENSES

Matriculation

The Matriculation fee in both College and Academy is \$12.00. This fee is not subject to refund, nor is there any rebate allowed for any reason.

Special students who take less than half work in the regularly appointed classes, or any student who takes work outside of regular recitation periods either in the College or Academy, is required to pay matriculation according to the number of studies taken.

Oratory and Art students who are not matriculated in the College are required to pay an enrollment fee of one dollar each.

Matriculation for Music ranges from one dollar to eight dollars. No additional fee is required for music from students who have already matriculated for College or Academy.

Tuition

For twenty hours or less in the College the annual tuition is \$100.00. \$2.50 per semester is charged for each additional hour of work taken in regular classes, or for each hour of semester work for which credit is allowed, taken outside of regular college recitation periods. Credit can be allowed only when the work has been taken under instructors approved by the Executive Committee.

The tuition in the Academy is \$75.00 for twenty-four or less hours of work taken; for each additional hour per semester, \$2.00. For all credit allowed for work taken outside of regular recitation periods, \$2.00 per semester hour will be charged.

Ministers' children in the college and academy departments are entitled to a rebate on full tuition of \$50.00 and \$37.50 respectively. Scholarships do not cover the tuition for extra work taken.

Laboratory Fees

To cover the cost of materials used in the Laboratories, the following fees are charged:

Tyrone Biological Laboratory

	First Semester	Second Semester
Biology 1.....	\$6.00	\$6.00
Biology 2.....	6.00	6.00
Biology 3.....	6.00	6.00
Biology 4.....	6.00	6.00
Biology 5.....	6.00	6.00

Chemical Laboratory

	First Semester	Second Semester
Chemistry 1.....	\$8.00	\$8.00
Chemistry 2.....	8.00	8.00
Chemistry 3.....	8.00	8.00
Chemistry 4.....	6.00	6.00
Chemistry 5.....	12.00	12.00
Chemistry 7.....	4.00	4.00
Chemistry 8.....	2.00	2.00

Breakage Fees Deposit in Chemistry 1920-21—Chemistry 1, \$3; Chemistry 2, \$4; Chemistry 3, \$4; Chemistry 4, \$4; Chemistry 5, \$5.

All breakage in the Chemical laboratory will be charged against the individual student and any balance of the above deposits due the student at the completion of his course will be returned or credited to his account and any debit beyond his deposit will be charged to his regular college account.

Physics Laboratory

Physics 1.....	\$5.00	\$5.00
Physics 2 and 3.....	5.00	5.00

All breakage will be charged against the student in each department. There will be no refund of laboratory fees. If chemicals and laboratory supplies continue to advance in price there will be a corresponding increase in the laboratory fees.

Boarding

The Domestic Department is in charge of a skilled and competent chef. Plain, substantial and palatable food especially adapted to the needs of the student is provided. The kitchen is furnished with the most modern equipment and all the food is prepared in the most sanitary and satisfactory manner.

The boarding rate for the school term 1919-20 is \$200.00. Students who stop school during the school term will be required to pay board at the rate of \$6.50 per week during their stay in school. Day students may obtain meal tickets at the rate of ten meals for \$5.00, if paid in advance, and all extra meals taken by five-day students or meals taken by friends of students, at 50 cents each. A rebate of forty dollars is allowed for five-day students. These rates do not include Thanksgiving, Christmas, and Easter vacations.

If foodstuffs continue to advance in cost, there will be a corresponding increase in boarding rates.

All students who do not room and board at their homes are required to room and board in the college unless special permission be obtained

from the Executive Committee to do otherwise. Students refusing to comply with this regulation forfeit their privileges as students in the College.

Room Rent

Room rent varies from \$32.00 to \$75.00 except when double rooms are assigned to only one student, then the occupant will pay the regular rent for two. A deposit fee of \$5.00 is required when a room is reserved. This fee will be deducted from the second half year's payment.

When five or more day students occupy one room, then the rate to each occupant is \$22.50 and must be paid at the opening of the school year, and there will be no refund.

One light fixture is installed permanently in every dormitory room. For every additional light temporarily installed, there will be an extra charge of \$3.00 to the occupants of the room. Only 40 watt lamps are allowed. One lamp is furnished free at the opening of school.

Occupants of a room are held responsible for all breakage and loss of furniture or any loss whatever for which the student is responsible.

In the Men's Dormitories rooms will be furnished with a bed, chairs, and one table for each occupant. Students must furnish their own carpets, towels, napkins, soap, and all other necessary furnishings.

Contingent Fee

All College students are required to pay a contingent fee of \$25.00 and Academy students \$15.00.

Estimated Expenses

The minimum expense for men is \$369 and for women \$363. The maximum expense for a full course in L. V. C. for one year, exclusive of laboratory fees, books, and personal expenses, is \$412 for men and \$406 for women.

Graduation Fee

Sixty days prior to Commencement, candidates for degrees are required to pay the following fees:

Students graduating in the College \$12.00; in Music \$10.00; in the Academy \$5.00; those receiving certificates in Oratory, Art, or Music \$5.00 each.

REGULATIONS

Matriculation fee must be paid at the time of enrollment.

Laboratory fees must be paid at the beginning of each Semester.

The regular College or Academy expenses which include Tuition, Room Rent, and Boarding are divided into four equal installments: One-fourth is due September 22; one-fourth on November 14; one-fourth on February 1; and one-fourth on March 23. These bills are due on the day they are issued and must be paid within ten days.

When a student leaves school or the boarding hall for any other reason than sickness, he shall pay board at the rate of \$6.50 per week, without any rebate or refund, except when ordered otherwise by the Finance Committee of the College.

Satisfactory settlement for all bills and fees is required before an honorable dismissal can be granted and before grades are recorded or given to the student.

Students who are candidates for Diplomas or Certificates must make full settlement entirely satisfactory to the Finance Committee before diplomas or certificates will be sealed and delivered.

ABSENCE AND SICKNESS

When students retain their class standing during absence from school because of sickness or for any other reasons, no rebate or refund will be allowed on tuition, or room rent.

In case of sickness which occasions loss of class standing, a reasonable rebate or refund will be allowed on tuition.

When a student is absent from school more than two weeks in succession because of sickness, and retains his room during the time of absence, then a rebate of \$4.00 per week will be allowed for all absence exceeding the two weeks. Reductions cannot be allowed for athletic, glee club, or banquet trips.

AID TO STUDENTS

Help is extended annually to a limited number of students, but only to those pursuing full courses in the College or in the Academy. This help is given in the form of Merit Scholarships, Ministerial Scholarships, Waiterships, Janitorships, Tutorships, or Library work. All of this help is extended or given only upon the condition that the recipient proves loyal to the school and complies with all the rules and regulations of the College.

A student forfeits the privilege of a scholarship or other help from the school when his average grade falls below passing standards or when in any way he refuses to co-operate with the College, or when he disregards the regulations of the institution.

Students rooming in Dormitories and boarding at the College Dining Hall will be given preference when work of various kinds is assigned.

Outline of Requirements for Admission to Groups Leading to the Bachelor of Arts Degree

The following is an outline of the requirements for admission to the Freshman class of Lebanon Valley College. A detailed description of the courses indicated in this outline appears on pages 26-33 of this catalogue. Of these eleven and one-half units are required as specified and three units may be elected.

A unit represents the work of a school year of no less than thirty-six weeks, with five periods of at least forty-five minutes each week, or four periods of one hour each per week. A unit, therefore, is the equivalent of one hundred and eighty recitation periods of forty-five minutes each, or one hundred and forty-four periods of one hour each.

GROUP I English	English		Three units required
GROUP II Mathematics	Elementary Algebra	1 unit	Two and one-half units required, one of which must be Plane Geometry.
	Intermediate Algebra	$\frac{1}{2}$ unit	
	Plane Geometry	1 unit	
	Solid Geometry	$\frac{1}{2}$ unit	
	Plane Trigonometry	$\frac{1}{2}$ unit	
GROUP III Foreign Languages	Latin	4 units	Five units required, three of which must be Latin.
	German	2 units	
	French	2 units	
	Greek	2 units	
	Spanish	1 unit	
	Italian	1 unit	
GROUP IV Physical Sciences	Physical Geog.	$\frac{1}{2}$ or 1 unit	Physics required. Chemistry required only for students intending to take Science Group.
	Physics	1 unit	
	Chemistry	$\frac{1}{2}$ or 1 unit	
GROUP V Biological Sciences	Botany	1 unit	Elective
	Zoology	1 unit	
	Physiology	1 unit	
GROUP VI History, Etc.	Greek and Roman	1 unit	One unit required.
	Medieval and Modern	1 unit	
	English	1 unit	
	Civics	$\frac{1}{2}$ unit	
	Economics	$\frac{1}{2}$ unit	
GROUP VII	One unit of credit may be given for subjects not mentioned in the above groups at the discretion of the College Committee on credits.		

In case the requirements of a given Group are not fully met by the fourteen and one-half units elected, the studies necessary for such requirements must be taken in place of an elective in the regular college course. For example, if a student presents three units of Latin and two of German for admission to a Group requiring four units of Latin, he must include in his college course the equivalent of the fourth unit of Latin.

Outline of Requirements of Admission to Groups Leading to the Bachelor of Science Degree

The following is an outline of the requirements for admission to the Freshman class of Lebanon Valley College. A detailed description of the courses indicated in this outline appears on pages 26-33 of this catalogue. An aggregate of fourteen and one-half units must be offered by the candidate for admission. Of these twelve units are required as specified and two and one-half units may be elected.

A unit represents the work of a school year of no less than thirty-six weeks, with five periods of at least forty-five minutes each per week, or four periods of one hour each per week. A unit, therefore, is the equivalent of one hundred and eighty recitation periods of forty-five minutes each, or one hundred and forty-four periods of one hour each.

GROUP I English	English	3 units	Three units required
GROUP II Mathematics	Elementary Algebra Intermediate Algebra Plane Geometry Solid Geometry Plane Trigonometry	1 unit $\frac{1}{2}$ unit 1 unit $\frac{1}{2}$ unit $\frac{1}{2}$ unit	Three units required, one-half unit of which must be Solid Geometry.
GROUP III Foreign Languages	Latin French German Greek Spanish Italian	4 units 3 units 3 units 3 units 1 unit 1 unit	Two units required.
GROUP IV Physical Sciences	Physics Chemistry	1 unit 1 unit	Two units required.
GROUP V Biological Sciences	Botany Zoology	1 unit 1 unit	One unit required.
GROUP VI History, Etc.	Greek and Roman Medieval and Modern English Civics Economics	1 unit 1 unit 1 unit $\frac{1}{2}$ unit $\frac{1}{2}$ unit	One unit required.
GROUP VII	One unit of credit may be given for subjects not mentioned in the above groups at the discretion of the College Committee on credits.		

In case the requirements of a given Group are not fully met by the fourteen and one-half units elected, the studies necessary for such requirements must be taken in place of an elective in the regular college course. For example, if a student presents three units of Latin and two of German for admission to a Group requiring four units of Latin, he must include in his college course the equivalent of the fourth unit of Latin.

DESCRIPTION OF COURSES

Candidates for admission should note carefully the following description of courses.

ENGLISH

Three units required

A thorough course in Advanced English Grammar, and a systematic course in English Composition and in the essentials of Rhetoric is required of all students. In addition to this and following the recommendations of the Conference on Uniform Entrance Requirements in English books are prescribed for reading, study and practice as follows:

a. Reading and Practice—(1920) Two units.

Group I. (Two to be selected.) The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII, the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's *Aeneid*. The *Odyssey*, *Iliad* and *Aeneid* should be read in English translations of recognized literary excellence. For any unit of this group a unit from any other group may be substituted.

Group II. (Two to be selected.) Shakespeare's *The Merchant of Venice*; *Midsummer Night's Dream*; *As You Like It*; *Twelfth Night*; *Henry the Fifth*; *Julius Caesar*

Group III. (Two to be selected.) Defoe's *Robinson Crusoe, Part I*; Goldsmith's *Vicar of Wakefield*; either Scott's *Ivanhoe*, or *Quentin Durward*; Hawthorne's *The House of Seven Gables*; either Dicken's *David Copperfield*, or a *Tale of Two Cities*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; George Eliot's *Silas Marner*; Stevenson's *Treasure Island*.

Group IV. (Two to be selected.) Bunyan's *Pilgrim's Progress, Part I*; the *Sir Roger de Coverley Papers* in the "*Spectator*"; Franklin's *Autobiography* (condensed); Irving's *Sketch Book*; Macaulay's *Essays on Lord Clive and Warren Hastings*; Thackeray's *English Humourists*; *Selections* from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address and Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's *Oregon Trail*; either Thoreau's *Walden*, or Huxley's *Autobiography* and selections from *Lay Sermons* including the address on *Improving Natural Knowledge*, *A Liberal Education*, and *A Piece of Chalk*; Stevenson's *Inland Voyage* and *Travels with a Donkey*.

Group V. (Two to be selected.) Palgrave's *Golden Treasury* (First Series, *Books II and III*, with special attention to Dryden, Collins, Gray, Cowper, and Burns); Gray's *Elegy in a Country Churchyard* and Goldsmith's *Deserted Village*; Coleridge's *Ancient Mariner* and Lowell's *The Vision of Sir Launfal*, Scott's *The Lady of the Lake*, Byron's *Childe Harold, Canto IV* and *The Prisoner of Chillon*; Palgrave's *Golden Treasury* (First Series, Book IV with special attention to Wordsworth, Keats and Shelley); Poe's *The Raven*, Longfellow's *The Courtship of Miles Standish* and Whittier's *Snow Bound*; Macaulay's *Lays of Ancient Rome* and Arnold's *Sohrab and Rustum*, Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*, Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incidents of the French Camp*, *Herve Riel*, *Pheidippides*, *My Lost Duchess*, *Up at a Villa—Down in the City*.

b. Study and Practice—(One unit) Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso* and *Comus*; Burke's *Speech on Conciliation with America*, or Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*, Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*.

MATHEMATICS

a. Elementary Algebra, Algebra to quadratics—One unit.

1. The four fundamental operations.
2. Factoring, determination of highest common factor and lowest common multiple by factoring.
3. Linear equations, both numerical and literal, containing one, two and three unknowns.
4. Problems depending on linear equations.
5. Radicals and the extraction of the square root of polynomials.
6. Fractional and negative exponents.

b. Quadratics and Beyond—One-half unit.

1. Quadratic equations, both numerical and literal.
2. Problems depending on quadratic equations.
3. The binomial theorem for positive integral exponents.
4. The formulas for the n th term and the sum of the terms of arithmetical and geometrical progressions.
5. Numerous problems chosen from mensuration, from physics and from commercial life. *High School Algebra* complete.

The equivalent of Hawke's and others

c. Plane Geometry—One unit.

1. The usual theorems and constructions.
2. The solution of numerous exercises, including problems of loci.
3. The equivalent of Durell's *Plane Geometry*.

d. Solid Geometry—One-half unit.

1. The usual theorems, the properties and measurements of prisms, pyramids, cylinders and cones, the sphere and spherical triangle.
2. Applications to the mensuration of surfaces and solids.

e. Trigonometry—One-half unit.

1. Definitions and relations of the six trigonometric functions as ratios, circular measurements of angles.
2. Proofs of the principal formulae, and the transformation of trigonometric expressions by means of these formulae.
3. Solution of trigonometric equations.
4. The theory and use of logarithms.
5. The solution of right, oblique and spherical triangles with applications.

LATIN**Latin A**—Three units.

A systematic course of five lessons a week extending over a period of three years is required.

The real test of the candidate's fitness is based upon his ability to read simple Latin prose, to explain constructions and idioms, and to turn simple Latin sentences into prose.

He should have studied grammar, elementary prose composition, 90 to 120 pages of *Nepos* (Lives) and *Caesar* (Gallic and Civil wars;) also about 40 pages of *Cicero* and the first four books of *Virgil* or its equivalent in Latin poetry.

Latin B—One unit (optional.)

Virgil and *Ovid*, 6,000 to 10,000 verses or other equivalents not read in Latin A.

GREEK**Greek 1**—One unit.

The equivalent of *White's First Greek Book*. Five recitations a week for at least thirty weeks. The candidates shall have read the equivalent of about eight chapters of *Anabasis* and show a knowledge of ordinary forms.

Greek 2—One unit.

At least the first four books of the *Anabasis* together with the ability to turn short sentences into Greek.

Greek 3—One unit.

The translation at sight of Attic prose and of Homer, including constructions, idioms and prosody and the ability to translate a short passage of connected English narrative is required.

GERMAN

a. Elementary German—Two units.

During the first year the work should comprise:

1. Careful drill on pronunciation.
2. Drill on the rudiments of grammar.
3. Abundant easy exercises in reproduction and memory work.
4. The reading of 75 to 100 pages of graduated texts from a reader.

During the second year the work should comprise:

1. The reading of 150 to 200 pages of literature in the form of easy stories and plays.
2. Reproduction practice as before, both oral and written.
3. Continued drill on the rudiments of grammar.

Suitable stories and plays are as follows:

Wilhelmi's *Einer muss heiraten*, Bacon's *Im Vaterland*, Anderson's *Maerchen*, Leander's *Traeumereien*, Heyse's *L'Arrabbiata*, Hillern's *Hoher als die Kirche*, Storm's *Immensee*, Zschokke's *Der Zerbrochene Krug*, Stokel's *Unter dem Christbaum*, Baumbach's, *Der Schwiegersohn*.

b. Intermediate German—One unit.

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry together with constant drill in reproduction and grammatical drill, with special reference to the infinitive and the subjunctive.

Suitable reading matter can be selected from the following:

Freytag's *Die Journalisten*, Fouque's *Undine*, Goethe's *Hermann and Dorothea*, Lessing's *Minna von Barnhelm*, Schiller's *Der Neffe als Onkel*, *Wilhelm Tell*, *Die Jungfrau von Orleans* and others prescribed by the College Entrance Examination Board.

FRENCH

a. Elementary French—Two units.

The applicant should be able to pronounce French accurately, to turn simple English sentences into French and to answer questions on the rudiments of grammar.

The first year's work should comprise the rudiments of grammar, the reproduction of natural forms of expression and the reading of 100 to 175 duodecimo pages of graduated texts.

During the second year the work should comprise:

1. Constant practice in translating into French easy variations upon the texts read.
2. Frequent oral abstracts.

3. The mastery of the use of pronouns, pronominal adjectives, of all but the rare irregular verb forms and the simpler uses of the conditional and the subjunctive.

4. The reading of 400 to 500 pages of easy modern prose in the form of series, plays, or historical or biographical sketches.

Suitable texts for the second year are:

About's *Le roi des Montagnes*, Bruno's *Le tour de la France*, Mairret's *Latache du petit Pierre*, Merimée's *Colomba*, Legouvé and Labiche's *La cigale chez les fourmis*, Le Bedollière's *La Mere Michel et son chat*.

b. Intermediate French—One unit

1. Constant practice in French paraphrasing.
2. Grammar in modern completeness.
3. Writing from dictation.
4. The reading of from 400 to 600 pages from suitable texts such as the following:

Corneille's *Le Cid*, Sandeau's *Le gendre de M. Poirier*, Daudet's *La Belle-Nivernaise*, Racine's *Athalie*, *Andromaque* and *Esther*, George Sand's plays and stories, Sandeau's *Mademoiselle de la Siegliere*, and others.

PHYSICS

Elementary Physics—One Unit.

1. The study of standard text book as Carhart and Chute's *High School Physics*, or Millikan and Gale's, *A First Course in Physics*.
2. Lectures and table demonstrations.
3. Individual laboratory work consisting of at least 30 experiments as required by the College Entrance Examination Board.
4. The course should include the following fundamental topics.
 - a. Introduction, metric system, volume, density, weight and states of matter.
 - b. Mechanics: Fluids and solids.
 - c. Heat.
 - d. Sound.
 - e. Light.
 - f. Magnetism.
 - g. Static Electricity.
 - h. Current Electricity.

The applicant must also present an approved laboratory note book of experiments performed, together with a certificate from the teacher of Physics stating the exact character and amount of work done under his supervision.

BOTANY

Elementary Botany—One unit.

PART I. The General Principles of (a) Anatomy and Morphology, (b) Physiology, and (c) Ecology.

a. Anatomy and Morphology.

The seed, the shoot, specialized and metamorphosed shoots, the root, specialized and metamorphosed roots, the flower, the comparative and morphological study of four or more types, the fruit and the cell.

b. Physiology.

Roll of water in the plant, photosynthesis, respiration, digestion, irritability, growth and fertilization.

c. Ecology.

Modifications, dissemination, cross-pollination, light relations of green tissue and special habitats.

PART II. The natural history of the plant groups and classification.

A comprehensive study of the great natural group of plants. Selections may be made from the following:

a. Algae. Pleurococcus, Sphaerella, Spirogyra, Vaucheria, Fucus, Nematium.

b. Fungi. Bacteria, Rhizopus or Mucor, Yeast, Puccinia, Corn Smut, Mushroom.

c. Lichens. Physcia (or Parmelia or Usnea.)

d. Bryophytes. In Hepaticae, Radula and in Musci, Mnium.

e. Pteridophytes. In Filicineae, Aspidium, or equivalent including the prothallus. In Equisetinae, Equisetum. In Lycopodinae, Lycopodium and Selaginella.

f. Gymnosperms. Pinus or equivalent.

g. Angiosperms. A monocotyledon and dicotyledon.

The applicant shall present a certified note-book of individual laboratory work of at least double the amount of time given to recitation. Special stress should be laid upon accurate drawings and precise descriptions.

ZOOLOGY

Elementary Zoology—One unit.

1. The general natural history—including general external structure in relation to adaptations, life histories, geographical range, relations to other plants and animals, and economic relations—of common vertebrates.

Suggested types are a mammal, bird, lizard, snake, turtle, newt, frog, dogfish or shark, bony fish, clam, snail, starfish, earthworm, hydra, sea-anemone, paramoecium.

Pupils should be familiar with orders of insects or with crustaceans, spiders and myriapods.

Actual examination of common animals with the above should be supplemented by reading, giving natural history information.

Laboratory work required

Certified note-books should be presented.

In general, the work as outlined by the College Entrance Examination Board will be accepted.

CHEMISTRY

Elementary Chemistry—One unit.

The candidate's preparation should include:

1. Individual laboratory work, comprising at least forty exercises from a list of sixty or more as outlined by the College Entrance Examination Board.

2. Instruction by lecture table demonstrations, to be used mainly as a basis for questioning upon the general principles involved in the pupils laboratory investigations.

3. The study of at least one standard text book, to the end that the pupil may gain a comprehensive and connected view of the most important facts and laws of elementary Chemistry. Brownlee's *Principles in Chemistry* or its equivalent is required.

HISTORY

History a—One unit.

Ancient History, with special reference to Greek and Roman history, including also a brief study of the ancient civilization and bringing the study down to the death of Charlemagne.

History b—One unit.

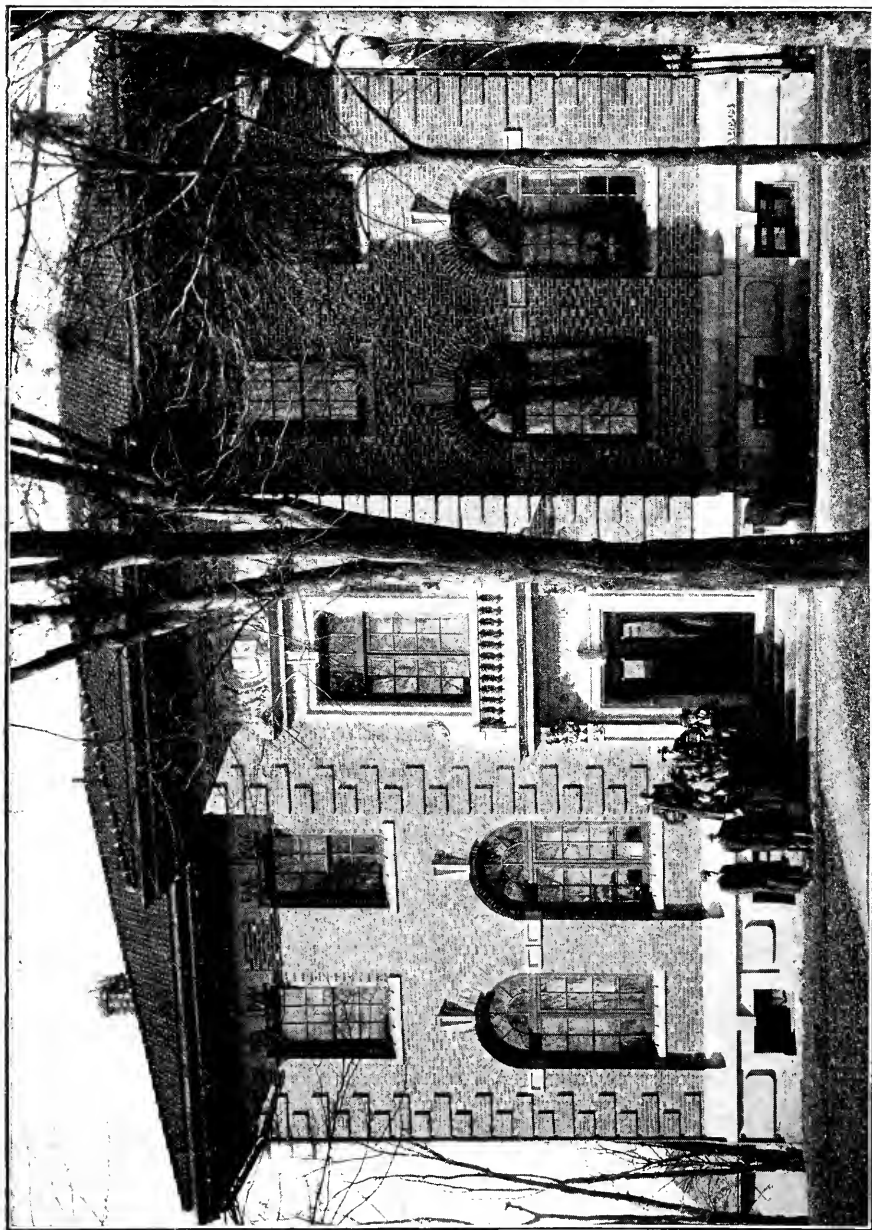
Medieval and Modern History, from the death of Charlemagne to the present time.

History c—One unit.

English History.

History d—One unit.

American History and Civics.





GEOGRAPHY**Physical Geography—One unit.**

- a. The Earth as a Globe.
- b. The Ocean.
- c. The Atmosphere—including weather instruments and the U. S. Weather Map.
- d. The Land.
- e. Volcanoes.
- f. Rivers.
- g. Glaciers.
- h. Relation of man, plants and animals to climate, land forms, and oceanic areas.

A note-book certified to by the teacher in charge is required in all cases for one unit. Otherwise one-half unit only may be offered.

DRAWING**Free-hand Drawing—One unit.**

1. The applicant must be able to sketch with fairly steady and clean lines any figures or combinations of figures, polygons, spirals or the like.
2. He shall be able to sketch common objects such as furniture and utensils with reasonable accuracy and correctness of proportion.
3. Also to sketch from copy, enlarging or reducing dimensions, any simple object, such as a valve or title pattern.

A note-book with drawings approved and certified to by the teacher must be presented in order to receive credit.

OUTLINE OF COURSES

Courses aggregating 69 hours in any group required for graduation. For fuller description of courses see pages 38-54

FRESHMAN

Group I	Group II	Group III	Group IV
<i>Classical</i>	<i>Science</i>	<i>Historical-Political</i>	<i>Modern Language</i>
<i>Hours</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Bible 1 and 2..... 2	Bible 1 and 2..... 2	Bible 1 and 2..... 2	Bible 1 and 2..... 2
English 1..... 3	English 1..... 3	English 1..... 3	English 1..... 3
French 1 or	French 1..... 3	French 1 or	French 1..... 3
German 1 or	German 1 or	German 1 or	German 1 or
Spanish 1..... 3	Greek 1..... 3	Spanish 1..... 3	Spanish 1..... 3
Latin 1 and 2..... 3	Chemistry 1b..... 4	Latin 1 and 2..... 3	Latin 1 and 2..... 3
Mathematics 1 and 2.. 3	Mathematics 1 and 2.. 3	Mathematics 1 and 2.. 3	Mathematics 1 and 2.. 3
Greek 1..... 3	Physical Culture..... $\frac{1}{2}$	Chemistry 1..... 4	
Physical Culture..... $\frac{1}{2}$		Physical Culture..... $\frac{1}{2}$	Physical Culture..... $\frac{1}{2}$

SOPHOMORE

Group I	Group II	Group III	Group IV
<i>Classical</i>	<i>Science</i>	<i>Historical-Political</i>	<i>Modern Language</i>
<i>Hours</i> Biology 1..... 4 English 2..... 3 French 2 or German 2..... 3 History 1..... 2 Mathematics 3..... 3 Greek 2..... 3 Physical Culture..... $\frac{1}{2}$	<i>Hours</i> Biology 1..... 4 English 2..... 3 Chemistry 2 and 3..... 4 Mathematics 3..... 3 Elective..... 3 Physical Culture..... $\frac{1}{2}$	<i>Hours</i> Biology 1..... 4 English 2..... 3 French 2 or German 2..... 3 History 1..... 2 Physics 1..... 4 Physical Culture..... $\frac{1}{2}$	<i>Hours</i> Biology 1..... 4 English 2..... 3 French 2..... 3 History 1..... 2 Latin 3 and 4..... 3 Language Elective..... 3 Physical Culture..... $\frac{1}{2}$

For elective studies see description of courses this catalogue, pages 38-54

JUNIOR

Group I	Group II	Group III	Group IV
<i>Classical</i>	<i>Science</i>	<i>Historical-Political</i>	<i>Modern Language</i>
<i>Hours</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Economics 1..... 3	Economics 1..... 3	Economics 1..... 3	French 3..... 3
Education 1..... 2	Education 1..... 2	Education 1..... 2	Education 1..... 2
English 4 and 5..... 2	Biology 2 or 3..... 4	English 4 and 5..... 2	English 4 and 5..... 2
History 2..... 2	Philosophy 1..... 2	History 2..... 2	History 2..... 2
Philosophy 1..... 2	Physics 1..... 4	Philosophy 1..... 2	Philosophy 1..... 2
Greek 3..... 3	Mathematics 4..... 3	Political Science 1..... 3	English 6..... 3
Elective..... 3		Elective..... 4	Elective..... 3

For elective studies see description of courses this catalogue, pages 38-54.

SENIOR

Group I	Group II	Group III	Group IV
<i>Classical</i>	<i>Science</i>	<i>Historical-Political</i>	<i>Modern Language</i>
<i>Hours</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Bible 3..... 2	Bible 3..... 2	Bible 3..... 2	Bible 3..... 2
Philosophy 5..... 2	Biology 4 or 5..... } 8	Philosophy 5..... 2	Philosophy 5..... 2
Sociology..... 2	Chemistry 5..... } 8	Sociology..... 2	Sociology..... 2
Biology or	Physics 2 or 3 or 4... }	History 6..... 3	Education 3..... 2
Chemistry or		Political Science 2..... 2	English 6 or 7 and 8.. 2
Physics..... 4			
Greek 4..... 3			
Elective..... 3	Elective..... 5	Elective..... 5	Elective..... 4

For elective studies see description of courses this catalogue, pages 38-54

ASTRONOMY

PROFESSOR LEHMAN

1. General Astronomy—Three hours. First Semester.

A course in descriptive astronomy. Reports on assigned readings. Important constellations and star groups are studied.

A fine four-and-a-half-inch achromatic telescope adds to the interest of the subject.

Open to Juniors and Seniors.

BIBLE

PROFESSOR SHROYER

1. Teacher Training. Two hours. Thruout the year. The aim of this course is to give in a concise and convenient form, a fairly comprehensive elementary course for teachers or those contemplating teaching. The course is in two parts. The theme of the first volume is the Bible. In the second volume the following subjects are discussed: The Pupil; The Teacher; The School. The complete course is helpful not only to teachers in the Bible School, but also to the public school teacher. Text: Barclay's *The Bible*.

2. Bible Study By Doctrines. Two hours. Second semester. This is a course outlining a brief summary of the leading doctrines derived directly from the Bible. No attempt at criticism is made. Rather the aim is to show the fundamental things upon which we are united in a common faith, appealing always to the Book as the final authority. Text: Sell's *Bible Study by Doctrines*.

3. New Testament History. Two hours. First semester. This course is a study of the beginnings of Christianity. Christianity is a historical study. It is also a study of religion centering around the person of Christ. Our information can be obtained first hand by consulting the original source, the Bible. The ministry of Jesus and the missionary labors of Paul naturally receive a prominent place in the study. Text: Rall's *New Testament History*.

4. Old Testament History. Two hours. Second semester. The primary source is the Bible from which we obtain definite and adequate moral and spiritual ideals to meet the needs of our day. "God, having of old time spoken unto the fathers in the prophets by divers portions and in divers manners, hath at the end of these days spoken unto us in a Son." That is, Old Testament history is a divine revelation in preparation for and culminating in the person of Christ and His teachings. The complete work of God can be known only thru the whole Book. Texts by Painter, Peritz, and Sanders.

5. Social Institutions and Ideals of the Bible. Two hours. First semester. This is a study of the Bible in a topical and progressive

way in the development or modification of the social institutions of the Hebrew people more particularly up to the advent of Christ. The family, slavery, education, agriculture, commerce, wealth, poverty, and religion, are specimens of the many social problems considered. Text: Soares' *Social Institutions of the Bible*.

Two courses thruout the year are required for graduation.

BIOLOGY

PROFESSOR DERICKSON

1. **General Biology**—Four hours. Thruout the year.

Three lectures or recitations and one laboratory period of two hours each week.

The object of the course is to acquaint the student with the essential structures and processes of living things.

Types of plants and animals are studied in the laboratory to illustrate the structure, properties, and activities of living protoplasm as manifested in individuals composed of a simple cell, of tissues, and of systems of organs. The principles of development, homology, classification, adaptation, evolution, and heredity are considered.

The course is fundamental and it or its equivalent is required for admission to all other courses in Biology.

Required of Sophomores in all courses. Elective for others.

2. ***Botany**—Four hours. Thruout the year.

Three lectures or recitations and two laboratory periods of two hours each, per week. The object of the course is to give to the student a broad, general knowledge of the plant kingdom. The form, structure, and functioning of one or more types of each of the divisions of algae, fungi, liverworts, mosses, ferns, and flowering plants are studied. Special attention is given to the ontogeny and phylogeny of the several groups suggestive of evolution.

Experiments are performed in the laboratory to determine some of the relations of plants to water, gravitation, temperature, and light. Several types of seeds are studied as to their structure, germination, and development. The principles of classification are learned by the analysis and identification of representatives of at least twenty-five orders of spermatophytes.

The Laboratory and class-room work is supplemented by frequent field trips.

Each student is supplied with a compound microscope, dissecting instruments, note, and drawing materials.

3. ***Zoology**—Four hours. Thruout the year.

Three lectures and two laboratory periods of two hours each, per week.

*Biology 2 and Biology 3 are given in alternate years. Biology 2 will be given in 1920-1921.

The principles of biology are learned by making a careful comparative study of representatives of several phyla of animals. The amoeba, euglena, paramecium, vorticella, sponge, hydra, starfish, earthworm, crayfish, grasshopper, mussel, amphioxus, and frog are studied. A careful study is made of the embryology of the frog. The process of development is closely watched from the segmenting of the egg until metamorphosis takes place. Each student is taught the principles of technic by preparing and sectioning embryos at various stages of development. From these and other microscopic preparations the development of the internal organs and origin of tissues is studied. This is followed by a histological study of the tissues of the adult frog.

Each student is required to keep a record of all work done in the laboratory in carefully prepared notes and drawings.

Texts: Hegner's *College Zoology*, Holms' *The Frog*.

4. †Comparative Vertebrate Anatomy—Four hours. Thruout the year. Six hours laboratory work and two conferences each week.

The course consists of the dissection and thorough study of a suctorial fish, a cartilaginous fish, a bony fish, an amphibian, a reptile, a bird, and a mammal. Carefully labeled drawings are required of each student as a record of each dissection.

Text-books: Pratt's *Vertebrate Zoology*, Kingsley's *Text-book of Vertebrate Zoology*.

5. †Vertebrate Histology and Embryology—Four hours.

Histology—Two conferences and six hours of laboratory work per week. The normal histology of the mammalian body is made the basis of the class work. Each student is required to acquire a practical knowledge of all phases of histological technic.

All the tissues as well as the structure of all of the organs of the body are studied. Each student prepares about one hundred and fifty slides.

Text-book: *A Manual of History and Organography*, Hill.

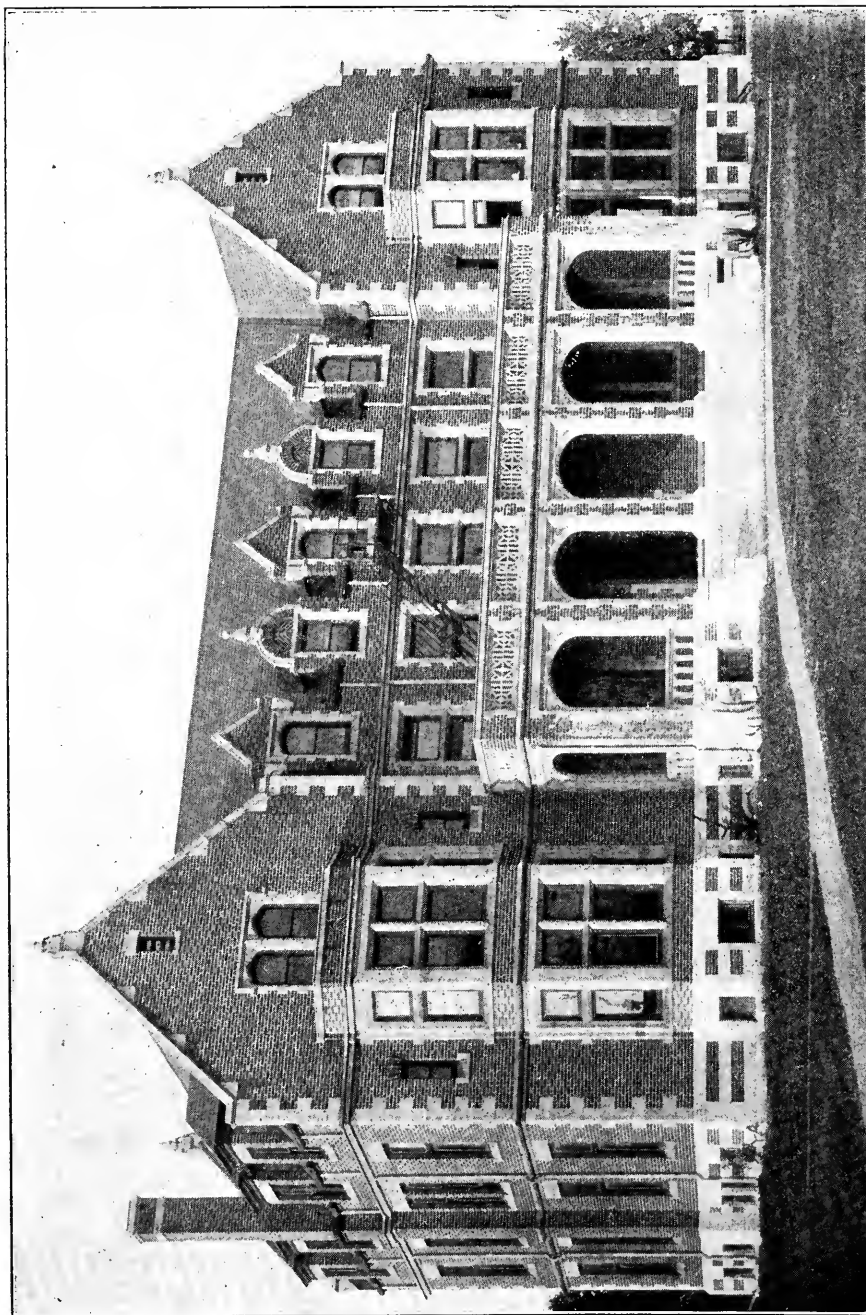
Elective for Juniors and Seniors.

Embryology—Second week in March to the end of the year. Two lectures and six hours of laboratory work per week. The laboratory work is based on the development of the chick and comparisons made with that of the frog and mammal. A study is made of living embryos at various stages of development. These are later killed, prepared, and sectioned by the student for the study of the development of the internal organs. Fully labeled drawings are required.

Text-books: *Chordate Development*, Kellicott.

Elective for Juniors and Seniors.

† Biology 4 and Biology 5 are given in alternate years. Biology 4 will be given in 1920-1921.





CHEMISTRY

PROF. HARING, MR. C. C. HARTMAN AND MR. E. S. GINGRICH

The Department of Chemistry offers to a student in the Science group, who desires to specialize in Chemistry, the possibility of a four years' course in the subject, together with certain electives. Such students are required to take Chemistry 1, 2, 3, and 5. Special courses may be arranged by consultation with the professor in charge.

The courses are so planned as to give students specializing in the subject a thorough grounding in the principles and theory involved, and also in laboratory manipulation. Upon graduation, such students should be in a position to enter commercial work, or to specialize in some particular branch of Chemistry, or to meet medical school requirements.

1. General Inorganic Chemistry. Four hours. Thruout the year. One experimental lecture, two recitations, and one laboratory period of three hours, each week. The fundamental chemical laws and theories, the elements and their compounds are considered in detail. Pre-requisite to all later courses in Chemistry and to Geology.

Text-book:—*General Chemistry for Colleges*, Alexander Smith.

Laboratory Manual:—*Laboratory Outline of College Chemistry*, Alexander Smith.

2. Qualitative Analysis. Four hours. Thruout the year. One lecture or recitation and nine hours laboratory work. The theory and practice involved in the detection of the elements. Solutions, and natural and artificial products are analyzed. Pre-requisite, Chemistry 1.

Text-book:—*Qualitative Chemical Analysis*, Vol. 1. Stieglitz.

Laboratory Manual:—*Qualitative Chemical Analysis*, A. A. Noyes.

3. Quantitative Analysis. Four hours. Thruout the year. One lecture or recitation and nine hours laboratory work. The theory and practice of gravimetric and volumetric analysis, and chemical calculations. The course includes the analysis of ores, minerals, alloys and simple salts. Pre-requisite, Chemistry 2.

Text-book:—*Chemical Calculations*, Whiteley.

Laboratory Manual:—*Quantitative Chemical Analysis*, Talbot.

This is supplemented with the methods of those who are specialists on particular determinations.

4. Advanced Quantitative Analysis. Three hours. Thruout the year. A minimum of nine hours laboratory work a week will be required. The course includes the analysis of natural and artificial products, such as foods, fertilizers, paints, oils, etc. Pre-requisite, Chemistry 3. Senior elective.

Laboratory Manual:—*Bulletins Nos. 107 and 109 of the Bureau of Chemistry.*

These are also supplemented with special methods.

5. Organic Chemistry. Four hours. Thruout the year. Two hours lectures and recitations and six hours laboratory work. A careful study is made of the more important aliphatic and aromatic compounds. In the laboratory, some typical compounds of each class are prepared and purified. Pre-requisite, Chemistry 2. Senior course.

Text-book:—*Theoretical Organic Chemistry*, Cohen.

Laboratory Manual:—*Laboratory Manual of Organic Chemistry*, Fisher.

6. Industrial Chemistry. Two hours. First semester. Lectures and recitations. The practical applications of Chemistry are considered. Trips may be taken to various plants in the vicinity. Pre-requisite, Chemistry 3. Elective for those Seniors who are specializing in Chemistry.

Text-book:—*Outlines of Industrial Chemistry*, Thorp.

7. Physical Chemistry. Four hours. Thruout the year. Lectures, conferences and laboratory work. The course serves to correlate the work of the previous years. Subjects considered are, the atomic and kinetic molecular theories, liquids and solutions, thermo chemistry, equilibrium, the law of mass action and the phase rule, velocity of reaction and catalysis, electrical conductivity and electromotive force, hydrolysis, colloidal solutions and absorption. Determinations of density, molecular weights, distribution coefficients, conductivity, E. M. F., solubilities, velocity of reaction, transition points, etc. are carried out in the laboratory. Pre-requisite courses, Chemistry 1, 2, 3 and 5. Open only to Seniors.

Text-book:—*Outlines of Theoretical Chemistry*, Getman.

Laboratory Manual:—*Practical Physical Chemistry*, Findlay.

8. Mineralogy and Blowpipe Analysis. Two hours. Second semester. One hour lecture or recitation and one hour laboratory work. This is an elementary course in physical, chemical and economic mineralogy. The laboratory work is a brief course of qualitative analysis in the dry way, with special reference to the identification of minerals. Pre-requisite, Chemistry 2. Senior elective.

Text-book:—*Minerals and How to Study Them*, Dana.

Laboratory Manual:—*Determinative Mineralogy*, Lewis.

ECONOMICS

PROFESSOR GINGRICH

1. Economics—Three hours. Thruout the year.

The work of the first semester deals with economic theory. During the second semester practical current problems are considered.

Fetter: *Economic Principles. Volumes 1 and 2.*

2. Money and Banking—Three hours. First Semester.

The course is intended to familiarize the student with the monetary history of the United States, the history of banks and banking, the methods of banks and clearing houses, and with the laws relating to this subject.

3. Business Finance—Three hours. Second Semester.

A study of business laws, the several types of business associations, the liability of individuals and associations engaged in business and a practical consideration of modern business methods. Much time is given to the study of corporations.

Lough: *Business Finance*.

EDUCATION

PROFESSOR GRIMM

1. History of Education—Two hours. Thruout the year.

A study of the pedagogical theories and practices, from the early days of China to the present. Especial attention given to the educational work of Pestalozzi, Herbart, and Froebel.

Text-book:—*Monroe's Text-book in the History of Education*.

2. School Management and School Law—Two hours. Second Semester.

A consideration of the practical problems involved in class management and in school supervision. Investigation of the development of the public schools of the State of Pennsylvania, and a careful study of the present legal provision for the control and support of education in this commonwealth.

3. Secondary Education—Two hours. Thruout the year.

This course deals primarily with the American High School of today—its relation to the earlier Academies and English Grammar schools and its growth since the Civil War. Some attention will be given to the history of secondary schools in Europe.

The course will consist of two parts: (1) The general problems of the high school, and (2) The high school curriculum.

Surveys of at least one ungraded and one graded school must be made and reported by each member of the class.

Text-books:—Cubberley's *A History of Public Education in the United States*. Johnston's *Modern High School*.

ENGLISH LANGUAGE AND LITERATURE

PROFESSORS BEATTY AND ADAMS

1a. Theory and Practice of English Composition—Two hours. Thruout the year. Required of all college freshmen.

The aim of this course is to improve the student's ability in the threefold processes of the conveying of information, the consecutive presentation of ideas, and of persuasion. The first semester is devoted to the composition of ideas and the composition of images is emphasized thruout the second semester.

Texts: Baldwin's *College Composition* and Lomer and Ashmun's *Study and Practice of Writing English*.

1b. Public Speaking—One hour. Thruout the year. Required of all College Freshmen.

This course aims to give the student practice in the fundamentals of oral expression, and drill in interpreting and delivering orations and other forms of literature.

2a. History of English Literature—Two hours. Thruout the year. Required of all sophomores.

This course deals with the works of the leading authors from the earliest Anglo Saxon to the present.

Texts: Fletcher's *History of English Literature*, and *Century Selections of Readings in English Literature*.

3. Advanced Public Speaking—One hour. Thruout the year. Elective for Sophomores.

This course is a further study of the principles of oral expression, extemporaneous speaking from assigned subjects, preparation of occasional speeches, study of the lives and methods of great orators, preparation and delivery of original orations, dramatic study of one of Shakespeare's plays, with development and interpretation of character, and presentation of scenes.

4. Social Ideals of the Eighteenth and Nineteenth Centuries. Two hours. First semester. Required of all Historical-Political Group students.

By means of lectures and assigned readings the student is given the chief political, social and religious movements and tendencies from 1750-1850.

5. History of American Literature—Two hours. Second semester. Required of all Historical-Political Group students.

It is the aim of this course to give the student a comprehensive survey of the field of American Literature from 1607—to the present.

Texts: Trent's *American Literature*, and *Three Centuries of American Poetry and Prose*, Newcomer, Andrews and Hall.

6. Shakespeare and the Drama—Three hours. Thruout the year. By means of lectures the development of drama is traced from the beginning to the closing of the theatres in 1642. Shakespeare's plays are then studied critically with special emphasis upon his development as a dra-

matic artist. Various tendencies are traced through the Restoration Drama down to the present.

Texts: Neilson's *Chief Elizabethan Dramatists* and Boas' *Shakespeare and His Predecessors*.

7. Advanced Composition—Two hours. First semester.

This course deals with the principles of criticism and the history and analysis of the short story. Students are required to write stories in imitation of types studied.

Texts: Hamilton's *Manual of the Art of Fiction* and Albright's *Short Story*.

8. History of the Novel—Two hours. Second semester.

By means of lectures and assigned readings the development of the novel is traced from the *Gesta Romanorum* to Robert Louis Stevenson.

Text: Hamilton's *Manual of the Art of Fiction*.

9. Advanced Composition—One hour. Thruout the year. Elective.

Text: To be announced.

One hour. Second semester. Elective.

10. Early English—Two hours. First semester. Elective.

Early English grammar and sounds are studied; portions of Beowulf are read with due attention to Anglo-Saxon meter.

Text: Smith's *Old English Grammar and Exercise Book*.

11. Chaucer—Two hours. Second semester. Elective.

Texts: MacCracken's *College Chaucer*, MacLean's *Old and Middle English Reader*.

FRENCH LANGUAGE AND LITERATURE

PROFESSOR SCHMAUK AND MRS. GREEN

1. First Year French—Three hours. Thruout the year.

This course includes a drill in French pronunciation and grammar with exercises in dictation and composition (Thieme and Effinger's *French Grammar*); and the reading of the following texts or their equivalents; Daudet, *Contes choisis*; Dumas, *L'Evasion du Duc Beaufort*; Labiche-Martin *Le Voyage de M. Perrichon*.

2. Second Year French—Three hours. Thruout the year.

Grammar composition, dictation and the reading and interpretation of such texts as the following; Erckmann-Chatrian, *Le Conscrit de 1813*; *Cà et Là en France*; *Standard French Authors*, Guerlac; *Lectures Historiques*, Moffett; *La (Mare) au Diable*, George Sand; *Lè Monde ou l' on s'ennuie*.

3. French Literature of the Seventeenth and Eighteenth Centuries—Three hours. Thruout the year.

Study of the classic drama. Reading and reports on works of Corneille, Moliere, Racine, and other representative writers.

4. French Literature of the Nineteenth Century—Three hours. Thruout the year.

Study of eminent modern authors. Reports on works assigned for private readings.

5. Practical Course in French Conversation and Composition—One hour. Thruout the year.

GEOLOGY

PROFESSOR HARING

1. General Geology—Two hours. Thruout the year. An introductory course. Lectures, recitations and laboratory work, consisting of map reading, study of rock types, etc. Also some field work. Pre-requisite, Chemistry 1. Senior elective.

Text-book:—*Introductory Geology*, Chamberlin and Salisbury.

Laboratory Manuals: *Interpretation of Topographic Maps. Historical and Structural Geology*. Salisbury and Trowbridge.

GERMAN LANGUAGE AND LITERATURE

PROFESSOR MCLEAN

1. Elective German—Three hours. Thruout the year.

Literature of the 19th century. Fouque's *Undine*, Heine's *Die Harzreise*, Freytag's *Die Journalisten*, Scheffel's *Ekkehard*, Mueller's *Deutsche Liebe*; *Deutsche Gedichte*, Wenkebach's Composition.

The college will offer the following courses if the demand is sufficient.

2. Elective German—Three hours. Thruout the year.

Literature of the 18th century. Representative works of Lessing, Schiller, and Goethe will be read, discussed, and compared.

3. Elective German—Three hours. Thruout the year.

Pre-requisite German 2. General view of German Literature. Rapid reading of representative authors of each period; reading of selections from German History, Freytag's *Ausdem Jahrhundert des Grossen Kreiges* Reports in German on assigned work. This course alternates with German 6.

6. Elective Goethe—Three hours. Thruout the year.

Pre-requisite German 2. Study of Goethe's life and works; intensive

study of Goethe's prose, poetry and drama; essays in German required. This course alternates with German 3.

7. Elective course in scientific German for students in science.

GREEK LANGUAGE AND LITERATURE

PROFESSOR SHROYER

1. Elementary Greek—Three hours. Thruout the year.

Xenophon: Four Books of the *Anabasis*. Greek Prose.

2. Sophomore Greek—Three hours. Thruout the year.

Homer: Three books of the *Iliad*, scansion, sight translation, epic poetry. Greek antiquities, Greek literature, and Greek Prose.

3. Junior Greek—Three hours. Thruout the year.

Herodotus: Selections from several of the books are read. Review of the Greek historians and the Persian Wars.

Plato: *Apology and Crito*. The Athenian courts.

New Testament. Readings in the Pauline epistles.

4. Senior Greek—Three hours. Thruout the year.

Xenophon *Memorabilia*, or Demosthenes, *De Corona*. Socrates and the Socratic schools. The Attic oration.

Sophocles, *Oedipus Tyrannus*, or Aeschylus, *Prometheus Bound*. Development of the Greek Drama. Greek tragedy, comedy, and theatre.

5. Elective Greek—Three hours. Thruout the year.

New Testament: Readings in the gospels of *Mark* and *John* and in the *Pauline* and *Catholic* epistles. The object of this course is exegetical and practical. It will include a study of the synoptic gospels and a survey of the letters of Paul.

HISTORY

PROFESSOR SPANGLER

1. Medieval and Early Modern History—Two hours. Thruout the year. A study of the life and institutions of the Middle Ages; the Renaissance and the Reformation.

Thatcher and Schwvill's *Europe in the Middle Ages*, Schwvill's *Modern Europe*, Robinson's *Readings*.

2. European History from the accession of Louis XIV to the present time. Two hours. Thruout the year.

Robinson and Beard, *The Development of Modern Europe, Volumes I and II*, Robinson's *Readings*.

3. History of England—Two hours. Thruout the year.

A brief review of the Anglo-Saxon period; a more thorough study of the period following the Norman Conquest, and an intensive study of the Tudor period and the Revolution.

Terry: *History of England*; Cheyney; *Introduction to the Social and Industrial History of England*, Cheyney; *Readings in English History*.

ITALIAN

PROFESSOR MCLEAN

1. First Year Italian. Three hours. Thruout the year.

Grandgent's *Italian Grammar*, Bowen's *Italian Readings*. Drill in conversational phrases.

2. Second year Italian. Three hours. Thruout the year.

Advanced prose composition. Readings in Dante. Offered in 1920-1921 if a sufficient number of students desire it.

LATIN LANGUAGE AND LITERATURE

PROFESSOR MCLEAN

1. **Livy; Cicero: De Senectute**—Selections. Three hours. First Semester.

2. **Ovid**—Selections. Three hours. Second Semester.

3. **Horace: Odes and Epodes**—Pre-requisites, Latin 1 and 2. Three hours. First Semester.

5. **Plautus and Terence: Selected Comedies**—Pre-requisites, Latin 3 and 4. Three hours. One Semester.

6. **Pliny: Letters**. Giving a picture of the historical, political, and private life of Rome in the first century A. D. Pre-requisites, Latin 3 and 4. Three hours. One Semester.

Cicero: Letters. Giving a picture of the historical, political, and private life of Rome in the first century B. C. Prerequisites, Latin 3 and 4. Three hours. One Semester.

8. **Tacitus and Suetonius**—Selections. Pre-requisites, Latin 3 and 4. Three hours. One Semester.

9. **Latin Prose Composition**—Open only to students who are taking or have taken Latin 3 and 4. One hour. Thruout the year.

10. Rapid Reading Course in Latin Prose Writers—Two hours. Thruout the year.

11. Topography of Rome. Picturing the situation, growth and development of the city, its monuments, etc., beginning from the earliest stages of its existence. Pre-requisite. Latin 1 and 2. One hour. Thruout the year.

MATHEMATICS

PROFESSOR LEHMAN

1. Advanced Algebra—Four hours. First Semester.

Covering ratio and proportion, variation, progressions, the binomial theorem, theorem of undetermined coefficients, logarithms, permutations and combinations, theory of equations, partial fractions, etc.

2. Plane and Spherical Trigonometry—Four hours. Second Semester.

Definitions of trigonometric functions, goniometry, right and oblique triangles, measuring angles to compute distances and heights, development of trigonometric formulae, solution of right and oblique spherical triangles, applications to Astronomy.

3. Analytic Geometry—Three hours. Thruout the year.

The equations of the straight line, circle, parabola, and hyperbola are studied, numerous examples solved, and as much of the higher plane curves and of the geometry of space is covered as time will permit.

4. Differential Calculus—Three hours. First Semester.

Differentiation of algebraic and transcendental functions, maxima and minima, development into series, tangents, normals, evolutes, envelopes, etc.

5. Integral Calculus—Three hours. Second Semester.

Integrations, rectification of curves, quadrature of surfaces, cubature of solids, etc.

6. Plane Surveying—Three hours. Second Semester.

A study of the instruments, field work, computing areas, plotting, leveling, etc.

7. Differential Equations—Three hours. First Semester.

A course in the elements of different equations. *Murray.*
Prerequisite, Mathematics, 3, 4, and 5.

8. Analytic Mechanics—Three hours. Second Semester. *Bowser.*
Prerequisite, Mathematics, 7.

PHILOSOPHY

PROFESSOR SPANGLER

1. Psychology—Two hours. Thruout the year.

Special emphasis will be upon (1) the application of psychological laws to practical life, and (2) the philosophical bearing of certain psychological principles. Six weeks will be devoted to a consideration of the essentials of Logic.

2. Introduction to Philosophy—Two hours. First Semester.**3. History of Philosophy**—Two hours. Second Semester.

In this course, the aim will be (1) to trace the development of philosophy, pointing out what of permanent value each system, as it arose, contributed toward a final solution of the problem of the nature of being, and (2) to show the interaction between philosophic thought and the practical life of the period during which it flourished.

4. The Philosophy of Religion—Two hours. Second Semester.**5. Ethics**—Two hours. Thruout the year.

This course will be primarily constructive and critical, and historical only in so far as its constructive purpose demands. Much attention will be given to the practical bearing of the doctrine set forth on the pressing problems of to-day—such as individualism, the integrity of our social institutions, the problems which grow out of progress, etc.

6. Theism—Two hours. First Semester.

A course in the grounds of theistic belief. Elective for Seniors.

7. Child Psychology—Two hours. First Semester.**8. Bible Psychology and Education**—Two hours. Second Semester.**9. Religious Education**—Two hours. Thruout the year.**POLITICAL SCIENCE**

PROFESSOR GINGRICH

1. Constitutional Law—Three hours. Thruout the year.

A course designed to give the student a working knowledge of the fundamental laws of Federal and State Government. The course is devoted chiefly to the study of leading cases.

Young's *"The New American Government and Its Work"* and lectures.

2. Political Science—Three hours. First Semester.

A study of various theories of the state and of the structure and province of government.

Garner's *Elements of Political Science*

3. United States Political and Constitutional History—Three hours. Thruout the year.

A course devoted to the careful study of American political history, emphasizing especially matters relating to the adoption and interpretation of the Federal Constitution.

PHYSICS

PROFESSOR GRIMM

Physics 1. General Physics—Four hours. Thruout the year.

Three hours lectures and recitation and four hours laboratory work per week. The course will be a thoro investigation of the fundamental principles of physical science and is especially intended as a preparation for Physics 2, 3, and 4, and for those interested in the practical applications of physical laws and principles. This course may be taken by those who have had no High School Physics.

Text-book: Millikan and Gale's *A First Course in Physics* and Carhart's *College Physics* and Ames and Bliss's *Laboratory Manual*.

Laboratory hours Thursday and Friday afternoons and Saturday morning.

2. Advanced Physics—Mechanics—For hours. One Semester.

This course will be a thoro investigation of the mechanics of solids, liquids, and gases and sound.

Second Semester 1920-1921.

3. Advanced Physics—Electricity and Magnetism—Four hours. One Semester.

This course will be a thoro consideration of the laws of the electric and magnetic fields and the power applications of electricity.

First Semester, 1921-1922.

4. Advanced Physics—Heat and Light—Four hours. One Semester.

This course will be concerned with the nature of heat and light and the transmission of each through various media including reflection, refraction, and dispersion.

First Semester, 1920-1921.

Text-books: Kimball's *College Physics*, and a special text for each of courses 2, 3, and 4.

The Calculus will be a very great aid in these courses.

PHYSICAL CULTURE

The work consists of gymnastic classes two days a week. Two years work in college is required for graduation. This work is required of all Resident, Special, and Resident Preparatory students.

The work consists of marching, calisthenic drills, elementary work on the heavy apparatus, folk dancing, and group games.

The aim of the course will be to keep the students in good physical condition and to prepare them to handle similar work in grade or high schools.

1. Freshman Physical Culture—One half hour. Two hours per week.

2. Sophomore Physical Culture—One-half hour. Two hours per week.

SOCIOLOGY

PROFESSOR GINGRICH

1. Theory of Sociology—Two hours. Thruout the year.

The course is intended to give the student an understanding of the various theories of society together with the place of Sociology in the general field of learning. Modern social problems are considered at length.

Blackmar and Gillin: *Outlines of Sociology*

Ross: *Social Psychology*.

SPANISH

PROFESSOR MCLEAN

1. Elementary Spanish—Three hours. Thruout the year.

Hills and Ford's *First Spanish Course*.

Fuentes and Francois' *A Trip to Latin America*.

Drill in conversation.

2. Advanced Prose Composition. Three hours. Thruout the year.

Outline course of the History of Spanish Literature. Readings from modern Spanish authors and classic Dramatists.

ORATORY AND PUBLIC SPEAKING

PROFESSOR ADAMS

The work of this department is primarily personal culture, the highest development of the personality of the student. "The development of the art of oratory is the development of the orator himself."

The course requires two years of study of prescribed work. Upon the completion of the studies a certificate is awarded.

Students entering the regular course must have had a high-school course or its equivalent.

A recital is given at least once a term for which the students are carefully prepared. These afford the students public platform practice by which they gain confidence and experience.

Each Senior is required to adapt and arrange a program for a public recital, from some piece of literature approved by the instructor.

Description of Courses

ORATORY AND LITERARY INTERPRETATION

1. Evolution of Expression. Two hours. Thruout the year. Study of selections from great orators, essayists, poets and dramatists. Practical drill work before class for developing power of student thru application of principles to his individual needs. Personal criticism and guidance to bring out originality of student. Dramatic work.

2. Philosophy of Expression and Laws of Art. Two hours. Thruout the year. Expressive study of different forms of literature with particular attention to the laws of art which logically follow the steps of the Evolution. Dramatic work.

(Two hours credit in college is given for each of the above courses. 1 and 2 when taken with one private lesson a week).

3. Poetic Interpretation. One hour. Thruout the year. Special interpretation and critical study of the great poets, with presentation and criticism before class, to acquaint student with mastery of literary art, to develop appreciation of the music and suggestiveness of poetry, and imaginative and poetic elements in work. Study of poetic forms from the ballad to lyric and dramatic poetry.

4. Normal Training and Methods—One hour. Thruout the year. Practice in teaching and class management. Under the direction and criticism of the instructor the Seniors conduct class work, lecture upon principles, and discuss their application.

5. Dramatic and Platform Art—One hour. Thruout the year. Interpretation and dramatic study of Hamlet, Macbeth, Othello, Merchant of Venice, Julius Caesar, and As You Like It. Presentation of prepared scenes for criticism. Practical work in stage business, deportment, and grouping.

Platform deportment, correct bearing, and presentation before audience. Platform methods and traditions. Pantomime, study of emotions. Freedom and responsiveness in bodily expression.

Sketches and plays are given from time to time during the year, which, with the annual Junior and college plays provide special dramatic training for many.

Private lessons, with attention to the special needs of the students,

either in overcoming habits, or in personal development and repertoire, are given thruout the course to supplement the class work.

Attention is given to the choice, adaptation and abridgment of selections for public reading, arrangement of programs, writing introductions, etc. One hour per week.

6. Voice Training. Exercises for breath control, for freeing of voice by proper placing and direction of tone, purity, flexibility, radiation, resonance, and power; pitch, volume, and inflection in emphasis. Tone color and form, ideal and imaginative qualities in tone. Diction.

Given daily thruout course.

7. Physical Training. Exercises for securing poise, bearing, freedom and ease in movement; to gain control over body and render it responsive to thought. Response in bearing and dramatic attitudes. Fundamental principles of gesture and drill. Given daily thruout course.

8. English Literature.

English Literature (English 2).

Composition and Rhetoric (English 1).

9. Psychology. (Philosophy 1).

10. Public Speaking.

English 1. B. Public Speaking.

English 3. Advanced Public Speaking. (For description of courses see English.)

TUITION

Matriculation and Physical Culture, \$6.00. Non-resident students may be exempted from physical culture.

All tuition is payable in advance. No reduction allowed for absence for the first or second week of the terms, nor for lessons missed during the terms except in case of protracted illness.

Regular Course, \$88 per year, payable quarterly in advance.

Special courses in Oratory 1 and 2 with one private lesson a week, giving 2 hours credit, \$44 per year, payable quarterly in advance.

Private lessons \$12 per quarter.

Other classes will be formed when there is a call for any special line of work.

Fee for certificate, \$5.00.

Lebanon Valley Academy

Preparatory School

OF

Lebanon Valley College

ADMINISTRATION

GEORGE DANIEL GOSSARD, B.D., D.D.

President of the College

W. N. MARTIN, A.B.

Principal, Mathematics, Physics

FOUNDED 1866

HISTORICAL

Lebanon Valley Academy was established in 1866. For fifty-three years it has cherished the ideals of full and accurate scholarship, and the development of character that fits one for the largest service to society. From its inception, college preparatory work has been its main purpose, but its curriculum has been well adapted to the needs of those who have entered immediately into practical life or professional study.

EXAMINATIONS

Examinations are held at the close of each half year. Other examinations will be held whenever the completion of a subject warrants such examination. At this time reports are sent to parents and guardians. More frequent reports are sent when requested by parents. In the Academy records, A signifies excellent; B, very good; C, fair; D, low but passing; E, conditioned; F, repeat in class. An "E" record may be removed by a test on any part of the course in which the record is poor. For such test a fee of one dollar is charged. An "F" may not be removed by a special examination.

For special tests, given on work not completed because of absence or otherwise, a fee of one dollar is charged. For special examinations a fee of two dollars is charged.

ADMISSION

The applicant should be at least twelve years of age. While no entrance examination is required, it is expected that the applicant shall have completed the ordinary common school branches.

Each student shall bring with him a certified statement of work done in the school last attended. Blanks for such certification will be provided by the school. Tentative credit will be given for work thus certified, and the student will be permitted to take up his work as near as possible where he left off, but any previous work found to be unsatisfactory will have to be repeated.

Students will be received at any time, but in general it is to the student's advantage to enter in September, or less preferably, at the beginning of the second Semester.

GRADUATION

Any student who has completed $14\frac{1}{2}$ units of work as outlined in the courses of study, provided that he has completed three and one-half units of Mathematics, three units of English, three units of Latin, one unit of Science, and one unit of History, shall be entitled to the school diploma. If the candidate desires to enter Lebanon Valley College he shall arrange his work to meet the entrance requirements for the several courses.

Students having completed only a partial course will be given certificates for such work upon request.

ACADEMY EXPENSES

Matriculation.....	\$ 12 00
Tuition.....	75 00
Boarding.....	200 00
Room Rent.....	32 00-75 00
Dormitory Fee.....	6 00
Contingent Fund.....	15 00

The expenses for the year excluding laboratory fees and personal expenses are \$340.00 to \$383.00. Further details concerning expenses and regulations are found on pages 20-23 of this catalogue.

LABORATORY FEES

Elementary Physics, per Semester.....	\$ 3 00
Elementary Chemistry, per Semester.....	4 00

DESCRIPTION OF COURSES

A unit represents a year's study in any subject and is reckoned to be a quarter of the entire amount of work required of each student. However the four years of English aggregate but three units.

For graduation fourteen and one-half units are required. The following courses are required of all applicants.

Latin a, b and c.....	3 units
English a, b, c and d.....	3 units
Mathematics a, a-2, c and b or d.....	3½ units
History.....	1 unit
Science.....	1 unit
Foreign Language.....	2 units

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Total.....13½ units

The remaining 1 unit may be chosen from the following list.

Physical Culture is required of all students for which one-half unit credit may be given.

OUTLINE OF COURSES**First Year**

Latin a.....	Beginner's Latin.....	4 hours
English a.....	English Grammar and Classics.....	4 hours
Mathematics a.....	Advanced Arithmetic.....	4 hours
Mathematics a-2.....	First Year Algebra.....	4 hours
†Science a.....	Physical Geography.....	4 hours
†Drawing.....		4 hours

Second Year

Latin b.....	Caesar and Composition.....	4 hours
English b.....	Rhetoric and Classics.....	4 hours
Mathematics c.....	Plane Geometry.....	4 hours
†History c }		
History d }	Ancient History.....	4 hours
†Geometrical Drawing.....		4 hours

Third Year

Latin c.....	Cicero and Composition.....	4 hours
English c.....	American Literature and Classics.....	4 hours
German a.....	Beginner's German.....	4 hours
Science c }	Biology.....	4 hours
Science e } *	Elementary Chemistry.....	
†History b.....	English History.....	4 hours

Senior Year

Latin d }	Virgil and Composition.....	4 hours
German b } **	Second Year German.....	4 hours
Greek a }	First Year Greek.....	5 hours
Science d.....	Elementary Physics.....	4 hours
English d.....	College Entrance Requirement	4 hours
Mathematics d.....	Solid Geometry.....	4 hours
Mathematics b.....	Second Year Algebra.....	4 hours
History a.....	American History and Civics.....	4 hours

†Elective

*Required for graduates in Scientific Course.

**Choose one.

DESCRIPTION OF COURSES

ENGLISH

a-1—English Grammar—Advanced. First Semester. Four hours.

This course is required of all pupils who have not had high-school grammar. Weekly themes are required. Reading: Irving's *Sketch Book* and Cooper's *The Last of the Mohicans*.

a-2—Composition and Rhetoric—Second Semester. Four hours.

Brooks' *Composition and Rhetoric. Book I.*

Theme work based on experience and assignments for reading. Reading: Scott's *Ivanhoe*, Coleridge's *The Ancient Mariner*, Shakespeare's *The Merchant of Venice*, Scott's *Marmion*.

b—Composition and Rhetoric—Thruout the year. One hour.

Brooks' *Composition and Rhetoric. Book I.*

Reading and Practice—Thruout the year. Three hours.

George Eliot's *Silas Marner*, Shakespeare's *As You Like It*, Addison and Steele's *The De Coverley Papers*, Dickens' *A Tale of Two Cities*, Bunyan's *Pilgrim's Progress*, Goldsmith's *The Vicar of Wakefield*.

c—American Literature—Thruout the year. One hour.

Newcomer's *American Literature*; rhetoric continued.

Reading and Practice—Thruout the year. Two hours.

Oral reading and careful study of Franklin's *Autobiography*, Hawthorne's *The House of Seven Gables*, Hawthorne's *Twice Told Tales*, Shakespeare's *Julius Caesar*, Tennyson's *Idylls of the King*, Longfellow's *Narrative Poems*, Poe's *Poems and Tales*, Whittier's *Snowbound*.

Composition—Thruout the year. One hour.

Weekly themes required.

d—Composition and Rhetoric—Thruout the year. One hour.

Brooks' *Composition and Rhetoric, Book Two*, concluded. Weekly themes required.

English Literature—Thruout the year. One hour.

Newcomer's *English Literature*.

Reading and Practice—Critical study of the English classics prescribed for college entrance.

Shakespeare's *Macbeth*, Milton's *Minor Poems*, Tennyson's *The Princess*, Washington's *Farewell Address*, Webster's *Bunker Hill Oration*, Carlyle's *Essay on Burns*.

LATIN

The following Latin courses are arranged in accordance with the College Entrance Requirements.

Latin a—Beginners' Latin. Thruout the year. Five hours. One unit.

Smith's *Latin Lessons* is completed. Special emphasis is placed on the memorizing and classification of grammatical forms. Constant practice in turning short sentences illustrating the fundamental rules of syntax into Latin is required.

Latin b—Caesar. Thruout the year. Four hours. One unit.

Caesar's Gallic Wars, Books I-IV. Thirty-six lessons in composition based on the text with as much sight reading as possible is required. Allen and Greenough's *Latin Grammar*.

Latin c—Cicero. Thruout the year. Four hours. One unit.

Cicero's *Manilian Law*, *Cataline I-IV*, and *Pro Archais*, D'Oge's *Latin Composition*, Allen and Greenough's *Latin Grammar*.

Latin d—Virgil. Thruout the year. Four hours. One unit.

Virgil's *Aeneid I—VI*, Bennet's *Composition*, Allen and Greenough's *Latin Grammar*.

Latin a, b, c, and d are required for admission to the Classical and Modern Language Courses of Lebanon Valley College.

HISTORY

History a—Thruout the year. Four hours. One unit.

American History and Civics. Detailed Study of American History with special attention to the History of the United States. The latter part of the year will be devoted to a consideration of national, state and county government.

This course is required of all candidates for graduation.

History b—Thruout the year. Four hours. One unit.

Walker's *Essentials of English History*. Offered 1920-1921.

History c and d—Thruout the year. Four hours. One unit.

Ancient History with special reference to Greek and Roman History and including a short introductory study of the more ancient nations and the chief events of the early middle ages, down to the death of Charlemagne. Offered 1921-1922.

GERMAN

a—Beginning German—Four hours. Thruout the year. One unit.

Bacon's *German Grammar*, and the reading of 75 to 100 pages of graduated texts. Frequent reproduction from memory of sentences previously read.

b—Second Year German—Four hours. Thruout the year. One unit. Oral and written reproduction of the matter read in easy variations.

From 150 to 200 pages of literature are selected from the following list: Heyse's *L'Arrabbiata*; Hillern's *Hoecher als die Kirche*; Storms' *Immensee*, Leander's *Traumerien*, Zschokke's *Der Zerbrochene Krug*; Wilhelm's *Einer muss heiraten*; Baumbach's *Der Schwiegersohn*.

MATHEMATICS

Mathematics a—Arithmetic. Half-year. Four hours. One-half unit. Rapid but thorough review of all the fundamental processes. Special drill in fractions, mensuration, percentage, the metric system, and modern business forms.

Hamilton's *Arithmetic*.

Mathematics a-2—Thruout the year. Five hours. One unit.

Beginner's Algebra to quadratics. Williams and Kempthorne's *Algebra*.

Mathematics b—Intermediate Algebra. Thruout the year. One unit.

Second Year Algebra. This course must be offered for graduation by all candidates.

Mathematics c—Plane Geometry. Four hours. One unit.

Durell's *New Plane and Solid Geometry*. Taught largely from the standpoint of the original problems.

This course is required for graduation.

Mathematics d—Solid Geometry. Half-year. One-half unit.

Durell's *Solid Geometry*.

SCIENCE

Science a—Physical Geography. Half-year. Four hours. One-half unit.

Dryer's *Physical Geography*. The earth as a globe, the ocean, the atmosphere, the land, plains, plateaus, mountains, volcanoes, rivers, glaciers, geological formations and ages.

A summary of the relation of man, plants, and animals to climate, land forms and oceanic areas.

Science d—Elementary Physics. Thruout the year. One unit.

Three hours recitation and four hours laboratory work per week. Mechanics of solids, liquids, gases, heat, magnetism, electricity, sound and light.

No previous knowledge of Physics is required for admission to this course.

Reed and Henderson's *High School Physics*. Forty experiments as outlined in the National Physics Note Book Sheets are required in the laboratory.

Science e—Elementary Chemistry. Thruout the year. One-half unit. Two hours recitation and four hours laboratory work.

The aim of the course is to present Chemistry to the beginner in such a way as to enable him to grasp the fundamental principles and to help him to secure a working knowledge of the Science in the laboratory.

First Principles of Chemistry by Brownlee and others, and laboratory exercises accompanying same.

DRAWING

Free Hand Drawing—Half-year. Four hours. One-half unit.

Geometrical Drawing—Half-year. Four hours. One-half unit.

Drawing of geometrical figures, reconstruction of figures to a given scale, construction of scales to any given unit, projection of plane and solid figures, etc.

Morris' *Geometrical Drawing*.

PHYSICAL CULTURE

Academy Physical Culture. Two hours per week. Required of all preparatory students.

SUB-PREPARATORY COURSE

Sometimes students of mature age come to us not fully prepared to enter the Academy. They have for various reasons attended school for but a short time and find it embarrassing to enter the public schools with scholars so much younger than themselves. For these we make special provision whenever occasion demands. However, at least sixteen hours of regular Academy work is required.

ELECTION OF STUDIES

There is considerable room for election of courses that have a special value to students intending to specialize.

The principal advises students what subjects are fundamental to professional and engineering courses.

FACTS TO BE CONSIDERED

Although Academy students enjoy a number of the same features as college students such as the use of an extended library, laboratories, the same social privileges, literary exercises, debates, Christian Associations, etc., they are in many respects an entirely separate student body.

SCHOLARSHIP

A one-hundred and forty dollar scholarship is awarded each year to the Academy graduate who has, according to the vote of the Faculty, attained the best class record and deported himself in accordance with the regulations.

Conservatory of Music

FACULTY

E. EDWIN SHELDON, Mus. M.

Pianoforte, Pipe Organ, Counterpoint, Composition

IDA MANEVAL-SHELDON, Mus. B.

Harmony, History of Music

MABEL AMELIA MILLER

Voice, Public School Music Methods, Sight Singing

RUTH ELIZABETH ENGLE, A.B.

Pianoforte, Theory, Sight Playing

ELIZABETH JOHNSON-LEVAN

Violin, Orchestral Class Training

ALICE LUTZ KREIDER

Art





LOCATION AND EQUIPMENT

The Engle Conservatory of Music is a handsome, three-story, stone structure. It contains a fine auditorium with large pipe-organ, director's room, studios, practice rooms, waiting, and writing room for students' use, large society rooms, lavatories, etc. The whole building is lighted by electricity, and heated by steam, and designed and furnished with a view to having it complete in every respect for the study of music in all its branches. A complete musical education, from the very first steps to the highest artistic excellence, may be secured. The director will use every effort to obtain positions for those students who have finished courses, and who may wish to teach or perform in public.

OBJECT

The department has for its object the foundation and diffusion of a high and thorough musical education. The methods used are those followed by the leading European conservatories. The courses are broad, systematic, progressive, and as rapid as possible. The conservatory offers the means for a complete education in musical art at a moderate cost.

DESCRIPTION OF COURSES

I

Pianoforte

The course in Pianoforte is divided into five divisions: Sub-Freshman, Freshman, Sophomore, Junior, and Senior.

The course marked out must, however, necessarily be varied according to the ability and temperament of the pupils. Many works must be studied by all, but there is much that may be essential for one student and not at all necessary for another. Individual instruction only is given.

A system of technics is used that is in line with the most approved methods. Special attention is paid to the development of a true legato touch and clear, smooth technique. The use of the pedal, so much neglected, is emphasized. At the same time expression and interpretation are not neglected. Technical and theoretical ability is worthless, except as it enables the performer to bring out the beauties and meaning of the composer.

By a recent act of the Executive Board arrangements were made for a teacher to give instruction to children and others in the elementary grades of the pianoforte course at a cost within the reach of all. This work is carried on according to the methods in use in the leading Conservatories.

For such instruction, the rate of tuition will be thirty cents per lesson. This enrollment as a regular student of the Conservatory will entitle the student to all privileges of the institution. The advantages to be derived

from appearing in recital classes, receiving instruction in stage deportment, as well as opportunities for hearing and associating with other music students, are certain to act as incentives to better, more conscientious work.

Memorizing music is required of all students. It is a great acquisition to be able to perform a number of selections from memory.

Sight Reading—This, although to a certain extent a natural gift, can be greatly improved by systematic work. One who can read well has all music at his command, while a poor reader has but a few pieces which may have been learned.

Practice—Special effort is made to teach pupils how to practice. Difficult places are pointed out and the students are taught how to learn them in the quickest and most thorough manner. Quality is of more value than quantity in practice.

Ensemble Playing—It is impossible to overestimate the value of thorough training in duet, trio, and quartet playing. Students are given drill in these as well as in accompaniment playing.

II

The Voice

Students contemplating work in this department should bear in mind two important facts; first, that the natural ability to sing varies with every student, and secondly, that while the production of tone from any musical instrument is by artificial means, the elements that go to make up the human voice are composed of flesh and blood, subject to the most delicate nervous impulses.

Hence the course in the Study of Voice must be varied according to the needs of the individual, and the success of the pupil depends largely upon the sympathetic insight of the teacher and the sincere co-operation in mind as well as body on the part of the student.

The old Italian method as shown in Marchesi's "Art of Singing" will be used, and exercises from other standard texts will be given to suit the needs of the individual student.

III

The Pipe Organ

The Pipe Organ—commonly called "The King of Instruments"—has made rapid strides in development during the last fifty years, and today is no longer regarded as an instrument solely for accompaniments and church use, but has taken its place among solo instruments and gained a distinct recognition from the music-loving public. A large field, therefore, is open to the student of the organ.

A new Three-Manual Moller Pipe Organ with detached console, modern in every respect, has recently been installed in the college chapel.

The increased demand for organ instruction the past year has made necessary the addition of a Two-Manual Reed Organ with pedals for practice purpose. Both organs are connected with kinetic organ blowers which insure most satisfactory wind pressure with its steady, even tone as a result.

The course outlined for this department is planned to provide the student with a repertoire for recital purposes and to satisfactorily meet the requirements of the organist in church.

IV

The Violin

Among the stringed instruments, the Violin stands as one of the oldest and has always been admired for its beautiful and thrilling strains.

The musical possibilities within the compass of the violin are marvelous and unexcelled by any other instrument. The best artists of the olden and modern times were skilled on the violin and it appeals to those of the finest musical taste to-day.

Nowhere in English literature do we find a nobler or more glowing tribute to the violin than is the little poem penned by our own immortal "Autocrat" where he places the violin among the highest order of musical instruments.

V

Theoretical Music

Theoretical studies are essential to rapid and comprehensive sight reading and to excellence in the higher grades of music. Good pedaling depends on a knowledge of harmony, and memorizing is greatly facilitated by it.

An intelligent insight into the foundation, upon which rests the art of music, gives interest to the pupils in their playing and singing and makes them musicians, as well as performers.

VI

SOLOIST'S AND TEACHER'S COURSES

Two courses leading to the granting of diplomas are offered. Both follow the same general course outlined on page 69.

The Soloist's Course requires a satisfactory appearance in the annual recital by the Junior Class and an individual recital during the Senior year.

The Teacher's Course is offered to those who wish to specialize for the teaching profession. Such pupils will be excused from the Junior and Senior recitals, but required to teach in the Normal department one hour per week for two years under the direction of a teacher of the Conservatory.

faculty in charge of such work. A Weekly Methods Class conducted by the teacher directing this department will bring to the attention of these student-teachers points where their teaching may be improved, and essential principles underlying the work of the successful teacher.

Teaching in the Normal will begin in October and end on, or about May 1st.

VII

PUBLIC SCHOOL MUSIC

Realizing the demand for trained teachers of Public School Music, the Conservatory offers a course for such work which requires two years for completion.

The text used in the Methods class is that of Hollis Dann, Principal of Public School Music at Cornell University. However, other texts are studied and compared so that the graduates should be able to handle any course in Public School Music in use at the present time.

Aside from this, students have the advantage of doing teaching under supervision in the Annville Public Schools, thereby putting into practice the theoretical knowledge gained in the Methods class.

Special attention is paid to the care of the child voice in singing which is such an essential feature of Public School Music. Candidates for this course must have completed a four-year High School course or its equivalent. Positions are not guaranteed to graduates.

VIII

A FOUR YEAR COURSE IN THE THEORY OF MUSIC

The Conservatory diploma will be given for the satisfactory completion, with no grade below 85 per cent in the following subjects: Harmony—3 semesters; Musical History—2 semesters; Sight Singing—4 semesters; Theory—1 semester; Musical Form—1 semester; Psychology of Music—1 semester; Harmonic Analysis—1 semester; Simple Counterpoint—1 semester; Double Counterpoint—1 semester; Canon and Fugue—2 semesters. The candidate for graduation in the above course must have completed the Sophomore year in pianoforte to the satisfaction of the Conservatory faculty.

COLLEGE CREDIT

Credit will be given in the college department for the completion of courses in Harmony, Musical History, and Counterpoint.

THE SECOND "SOLO SUBJECT"

Candidates for graduation by diploma or certificate in Piano shall have taken at least one year in voice, violin, or organ. For graduation in Voice, Violin, or Organ the student shall have at least Sophomore standing in piano.

OUTLINE OF COURSES LEADING TO DIPLOMA

	FIRST SEMESTER	*Hours	SECOND SEMESTER	Hours
FRESHMAN	†Piano, Voice, Pipe Organ, or Violin..... 1 Rudiments of Music..... 2 History of Music—Current Events..... 3 English B (Academy)..... 4 Piano Practice, 4 hours daily..... 10		Piano, Voice, Pipe Organ, or Violin..... 1 Sight Singing and Melodic Dictation A..... 2 History of Music—Current Events..... 3 English B (Academy)..... 4 Piano Practice, 4 hours daily..... 10	
SOPHOMORE	Piano, Voice, Pipe Organ, or Violin..... 1 Harmony A (Heacox)..... 2 Sight Singing—Melodic Dictation B..... 3 English C (Academy)..... 4 Piano Practice, 4 hours daily..... 10		Piano, Voice, Pipe Organ, or Violin..... 1 Harmony B (Chadwick)..... 2 Sight Singing—Melodic Dictation C..... 3 English C (Academy)..... 4 Piano Practice, 4 hours daily..... 10	
JUNIOR	Piano, Voice, Pipe Organ, or Violin..... 1 Harmony C (Chadwick)..... 2 Theory of Music (Elson)..... 2 Sight Singing..... 2 French or German, (First Year)..... 3 Piano Practice, 4 hours daily..... 10		Piano, Voice, Pipe Organ, or Violin..... 1 Musical Form (Cornell)..... 2 Sight Singing—Harmonic Dictation D..... 2 Sight Playing..... 2 French or German (First Year)..... 3 Piano Practice, 4 hours daily..... 10 Junior Recital	
SENIOR	Piano, Voice, Pipe Organ, or Violin..... 2 Simple Counterpoint (Bridge)..... 2 Psychology of Music (Bartholemew)..... 2 Sight Playing..... 2 Piano Practice, 4 hours daily..... 10		Piano, Voice, Pipe Organ, or Violin..... 1 Double Counterpoint (Jadassohn)..... 2 Harmonic Analysis..... 2 Sight Playing..... 2 Piano Practice, 4 hours daily..... 10 Senior Recital	

*Number of hours credit. †Two one-half hours per week.

OUTLINE OF COURSE IN PUBLIC SCHOOL MUSIC

	FIRST SEMESTER		SECOND SEMESTER	
	*Hours	Hours		Hours
FIRST YEAR				
†Piano and Voice (One lesson each).....	1		Piano and Voice (One lesson each).....	1
Rudiments of Music.....	2		Sight Singing—Melodic Dictation A.....	2
History of Music—Current Events.....	3		History of Music—Current Events.....	3
Piano Practice, 2 hours daily.....	5		Piano Practice, 2 hours daily.....	5
English or French (Elective).....	4		English or French (Elective).....	4
SECOND YEAR				
Piano and Voice (One lesson each).....	1		Piano and Voice (One lesson each).....	1
Harmony A (Heacox).....	2		Harmony B (Chadwick).....	2
Sight Singing—Melodic Dictation B.....	3		Sight Singing—Melodic Dictation C.....	3
Methods (Primary Grades).....	2		Methods (Intermediate Grades).....	2
Observation in the Annville Schools.			Practice Teaching	
Piano Practice, 2 hours daily.....	5		Piano Practice, 2 hours daily.....	5
THIRD YEAR				
Piano and Voice (One lesson each).....	1		Piano and Voice (One lesson each).....	1
Harmony C (Chadwick).....	2		Musical Form (Cornell).....	2
School Management.....	1		Harmonic Analysis.....	2
Methods (Grammar Grades).....	2		Methods (High and Normal Schools).....	2
Psychology of Music (Bartholemew).....	2		Sight Singing—Harmonic Dictation D.....	2
Piano Practice, 2 hours daily.....	5		Practice Teaching	
			Piano Practice, 2 hours daily.....	5

*Number of hours credit. †Two one-half hours per week.

HOW TO BECOME "A FULL COURSE STUDENT" IN THE CONSERVATORY OF MUSIC

To be a "full course student" in the Conservatory you will be required to carry one solo subject (piano, voice, or organ) and two theoretical branches, such as Harmony and Musical History. Two lessons, each one-half hour in length are given each week in the solo subject. Classes in Harmony recite two hours per week. Classes in Musical History meet on alternate days for three hour-lessons per week. The course in Harmony requires three semesters, while the course in Musical History may be completed in one year.

The "full course student" engages four practice hours daily throughout the year.

One subject, such as German, French, or English, may be taken in the College or Academy by a "full course student" without additional charge.

The "full course student" will find the tuition as follows:

FIRST SEMESTER—Two lessons per week, as stated above

Piano or voice.....	\$34 00
Harmony.....	18 00
Musical History.....	18 00
Piano Practice, 4 hours daily.....	10 00
Matriculation Fee.....	8 00
Sight Singing and Dictation.....	15 00

\$103 00

Voice or Piano added, 2 lessons per week.....	\$34 00 additional
Organ, one lesson per week.....	17 00 additional
Organ practice, one hour daily.....	\$10 or \$20 additional

SECOND SEMESTER—Rates and courses the same as first semester.

CERTIFICATE

Candidates for graduation by Certificate in pianoforte, pipe organ, or violin, must have satisfactorily completed the full course in harmony, musical history and sight playing.

Candidates for graduation by certificate in voice must have satisfactorily completed the full course in harmony, musical history, sight singing and dictation.

Graduation Fee for Certificate, \$5.00.

DIPLOMA

Candidates for graduation with Diploma must have satisfactorily completed the requirements as outlined on page 69.

Graduation Fee for Diploma, \$10.00.

DEGREE

Requirements for Mus. B. Degree:

Candidate must hold a diploma covering the course as outlined on page 69.

In addition to the above, one year's work in Canon and Fugue, 2 lessons per week, and one year's work in Original Composition, 2 lessons per week, will be required.

Fee for Degree, \$10.00.

RECITALS AND MUSICAL ORGANIZATIONS

Students' Evening Recitals. Each term recitals are given in which students, who have been prepared under the supervision of the instructors, take part. These recitals furnish incentives to study and experience in public performance.

Students' Recital Class. Students who are not sufficiently advanced to appear in the Evening Recitals are given experience in public performance in the Students' Recital Class. These classes are not open to the public. Rules governing Concert Department are brought to the attention of the students and each performer shown what is expected of him or her when before an audience. The result is a smoother and more satisfactory appearance in the Evening Recitals when assigned to such work.

THE EURYDICE CHORAL CLUB

This club for young women was organized four years ago, having for its object the study of standard choruses and choral works, producing the same at a Spring concert.

Among the artists who have recently appeared with the Eurydice Choral Club are Miss Elsie Baker of the Victor Concert Company, Miss Vera Curtis of the Metropolitan Opera Company, and Mrs. Bertyne Ne Collins, soprano, of New York.

Last season the club enlarged the scope of its musical activities and aside from giving the usual concert, presented Miss Sue Harvard, soprano, of New York City, in song recital. Club members are admitted without charge to these recitals, and it is proposed to bring artists before the students from time to time for the furtherance of musical appreciation.

THE MEN'S GLEE CLUB

The opportunity for a "try out" for membership in this organization is given every young man of the institution who possesses a singing voice. Rehearsals are conducted throughout the Fall months preparatory to filling a series of scheduled dates booked by a student manager. Membership in this Club furnishes a musical training as well as social experience that is invaluable to the college man.

TUITION SENIOR YEAR

PIANO, VOICE, VIOLIN OR ORGAN

First Semester.....	2 lessons per week.....	\$51 00
First Semester.....	1 lesson per week.....	25 50
Second Semester.....	2 lessons per week.....	51 00
Second Semester.....	1 lesson per week.....	25 50

JUNIOR AND SOPHOMORE YEARS

Piano, Voice, Violin, or Organ and Freshman Organ

First Semester.....	2 lessons per week.....	\$34 00
First Semester.....	1 lesson per week.....	17 00
Second Semester.....	2 lessons per week.....	34 00
Second Semester.....	1 lesson per week.....	17 00

SUB-FRESHMAN AND FRESHMAN YEARS IN PIANO

First Semester.....	2 lessons per week.....	\$17 00
First Semester.....	1 lesson per week.....	8 50
Second Semester.....	2 lessons per week.....	17 00
Second Semester.....	1 lesson per week.....	8 50

KEYBOARD, HARMONY, RUDIMENTS, THEORY, HARMONIC ANALYSIS, MUSICAL FORM, PSYCHOLOGY OF MUSIC, PUBLIC SCHOOL METHODS, OR SIGHT SINGING

First Semester.....	2 lessons (class) per week.....	\$15 00
Second Semester.....	2 lessons (class) per week.....	15 00

HARMONY, MUSICAL HISTORY AND CURRENT EVENTS, COUNTERPOINT, CANON, FUGUE, OR COMPO- POSITION

First Semester.....	2 lessons (class) per week.....	\$18 00
Second Semester.....	2 lessons (class) per week.....	18 00

SIGHT PLAYING

Junior and Senior Years

First Semester.....	2 lessons (class) per week.....	\$10 00
Second Semester.....	2 lessons (class) per week.....	10 00

A charge of seventy-five cents each semester will be made for use of the Sight Playing Library.

PIANO NORMAL METHODS CLASS

First Semester.	1 lesson (class) per week.	\$ 5 00
Second Semester.	1 lesson (class) per week.	5 00
(October to April)		

RATES FOR PRACTICE PERIODS

Piano, 1 hour daily, per semester.	\$ 4 00
Each additional hour, per semester.	2 00
Pipe Organ (College Chapel) 1 hour daily, per semester.	20 00
Pipe Organ (College Chapel) 2 hours per week, per semester.	10 00
Two Manual Practice Organ, 1 hour daily, per semester.	10 00

RULES AND REGULATIONS

No reduction is made for absence during first two weeks of the term, nor for a subsequent individual absence. In case of long continued illness the loss is shared equally by the College and the student.

Pupils may enter at any time, but for convenience of grading the beginning of each semester is the most desirable time.

In the case of holidays declared by the faculty, no lessons will be given or money refunded.

All sheet music must be paid for when taken.

Students are expected to consult the Director before arranging to take part in any public musical exercise outside of the regular work.

No pupil is allowed to omit lessons without a sufficient cause.

Reports showing attendance, practice, and improvement in grade will be issued at the close of each semester.

For all further information as to any particular course, or combination of courses, rooms, boarding, etc., address.

DIRECTOR OF THE CONSERVATORY,

Lebanon Valley College.

ART DEPARTMENT

COURSE OF STUDY FOR CERTIFICATE

First Year—Sketching in pencil geometric solids and various objects. Memory and quick action drawing.

Principles of Perspective.

Pencil rendering.

Brush drawing in ink.

Elementary Design.

Wash drawing including original composition of landscapes, marine scenes, etc. Also sketching flowers, vegetable forms, and leaves with relation to values, tones, etc.

Second Year—Charcoal drawing from casts.

Painting in water colors from groups of still life interiors, decorative subjects, flowers, draperies, and out-of-door sketching.

Theory and Harmony of Color Lettering.

Third Year—Costume Sketch class—pose drawing.

Painting in oils from still life and nature.

Water color.

Historic Ornament.

Study of the Masterpieces of Painting and Sculpture.

Teacher's Class—Principles and methods of drawing, lettering, brush work, water color, design, and perspective.

Saturday work is offered for teachers and children who cannot take work during the week.

China Painting—Instructions are given in the latest methods of applying designs, which are original. The china is fired in the institution, giving students an opportunity of learning how to fire their own China.

THE CRAFTS

Jewelry—Design and construction of the same. Leather Tooling.

Students desiring to graduate must complete two years of College English and History.

REGISTER OF STUDENTS

*Taking work in other departments.

Graduate Students

Gemmill, C. W., A. B.....	Lemoyne, Pa.
Longenecker, C. R., A. B.....	Palmyra, Pa.
Martin, W. N., A. B.....	Annville, Pa.

Seniors

Allen, Edward P	Pomfret, Conn.
Bachman, Earl S.....	Middletown, Pa.
Bechtold, Warren.....	Reading, Pa.
Berger, John L.....	Columbia, Pa.
Behney, Bessie B.....	Fredericksburg, Pa.
Beidel, F. D.....	Steelton, Pa.
Crim, Harry M.....	Gerrardstown, W. Va.
Deibler, Walter.....	Annville, Pa.
Durborow, Harry A.....	Highspire, Pa.
Evans, Ruth M.....	Lebanon, Pa.
Fink, Esther Mae.....	Annville, Pa.
Fink, Homer F.....	Annville, Pa.
Fishburn, Harvey W.....	Ephrata, Pa.
Frost, Charles C.....	Lebanon, Pa.
Hagy, Solomon L.....	Schoeneck, Pa.
Hartman, Charles C.....	Rouzerville, Pa.
Hohl, Mae S.....	Pitman, Pa.
Hoffman, Ruth V.....	Lebanon, Pa.
Kiebler, Reno E.....	Annville, Pa.
Kleinfelter, Claude B.....	Cleona, Pa.
Lefever, Myrtle M.....	York, Pa.
Light, Sara M.....	Lebanon, Pa.
Maulfair, Helena.....	Lebanon, Pa.
McCauley, Ruby M.....	Annville, Pa.
McGinnes, John A.....	Littlestown, Pa.
Mease, Ralph T.....	Palmyra, Pa.
Morrow, Robert B.....	Duncannon, Pa.
Mutch, Verna B.....	Ephrata, Pa.
Ruppenthal, H. P.....	Berkeley Springs, Pa.
Saylor, Myrl V.....	Annville, Pa.
Sebastian, Jennie S.....	Reading, Pa.
Smith, E. Virginia.....	Reading, Pa.
Snoke, Hubert R.....	Shippensburg, Pa.

Snyder, E. Myrtle.....	Robeson, Pa.
Stine, C. H.....	Fort Hunter, Pa.
Strine, Huber D.....	Manchester, Pa.
Stumbaugh, Eldridge M.....	Greencastle, Pa.
Wine, C. H.....	Wilmington, Del.
Yarrison, Guy R.....	Carroll, Pa.
Zeitlin, Dora.....	Lehigh, Pa.

Juniors

Angus, Ethel.....	Conemaugh, Pa.
Blauch, Harry W.....	Annville, Pa.
Bomberger, Ida M.....	Lebanon, Pa.
Bortner, Mary E.....	York, Pa.
Cretzinger, John I.....	Duncannon, Pa.
Darling, Olive E.....	Chandler's Valley, Pa.
Daugherty, Carroll R.....	Lebanon, Pa.
Daugherty, J. Dwight.....	Steelton, Pa.
Duncan, Raymond L.....	Highspire, Pa.
Emenheiser, Benjamin F.....	Thurnont, Pa.
Farrell, Orin J.....	Philipsburg, Pa.
Fencil, Gladys M.....	Annville, Pa.
Garver, Sara E.....	Lebanon, Pa.
Haas, Ammon F.....	Myerstown, Pa.
Happel, Christine G.....	Lebanon, Pa.
Hastings, Edgar.....	Highspire, Pa.
Heiss, Elwood D.....	Shermansdale, Pa.
Hess, Harold G.....	Middletown, Pa.
Horine, Dawson.....	Hagerstown, Md.
Miller, Esther E.....	Lebanon, Pa.
Miller, Mabel V.....	Reading, Pa.
Moore, Guy W.....	Lebanon, Pa.
Ness, Paul E.....	Yoe, Pa.
Nitrauer, Grant W.....	Highspire, Pa.
Seltzer, James H.....	Middletown, Pa.
Shettel, Mary E.....	York, Pa.
Spessard, Orville F.....	East Waterford, Pa.
Stager, Edith V.....	Lebanon, Pa.
Uhler, Russell W.....	Lebanon, Pa.
Wier, Margaret M.....	Columbia, Pa.
Wolfersberger, Jacob J.....	Annville, Pa.

Sophomores

Angell, Lena.....	Taneytown, Pa.
Arnold, J. Hartzel.....	Mauch Chunk, Pa.

Bender, Harold B.....	Annaville, Pa.
Bowman, J. Russell.....	Lebanon, Pa.
Burbeck, Meta C.....	Reading, Pa.
Cassel, Miriam C.....	Hummelstown, Pa.
Fake, Warren H.....	Pinegrove, Pa.
Gingrich, Gertrude K.....	Lebanon, Pa.
Gingrich, Earl S.....	Lebanon, Pa.
Gingrich, James L.....	Lebanon, Pa.
Glenn, Maryland L.....	Red Lion, Pa.
Hartz, Ethel I.....	Hummelstown, Pa.
Heckman, Oliver S.....	Lemaster, Pa.
Heffelman, Marion V.....	New Cumberl'd, Pa.
Herr, S. Meyer.....	Annaville, Pa.
Hershey, Josephine L.....	Myerstown, Pa.
Hess, Verna L.....	Middletown, Pa.
Hiester, Ruth V.....	Annaville, Pa.
Hiser, Carl W.....	Petersburg, W. Va.
Hibbs, Effie M.....	Morrisville, Pa.
Homan, Ralph H.....	Lebanon, Pa.
Kettering, Joseph W.....	Lebanon, Pa.
Kreider, Rodney P.....	Annaville, Pa.
Lehman, Ethel M.....	Hummelstown, Pa.
Lerew, Erdean M.....	Dillsburg, Pa.
Miller, E. E.....	Windsor, N. C.
Miller, Adam D.....	Palmyra, Pa.
Renn, Roland D.....	Harrisburg, Pa.
Shadel, Russel O.....	Williamstown, Pa.
Sherk, Cyrus B.....	Annaville, Pa.
Snider, John W.....	Chambersburg, Pa.
Stabley, Rhodes R.....	Dallastown, Pa.
Stern, Anna E.....	Elizabethtown, Pa.
Stine, Josephine F.....	Mont Alto, Pa.
Swank, Reuel.....	Linville, Va.

Freshman

Basehore, Paul W.....	Lebanon, Pa.
Beattie, William H.....	Greencastle, Pa.
Beck, Ferdinand L.....	Harrisburg, Pa.
Bendel, Norman H.....	Shamokin, Pa.
Bortz, Alta B.....	Lebanon, Pa.
Boyer, Ralph E.....	York, Pa.
Brunner, Esther S.....	New Bloomfield, Pa.
Clemens, Ralph W.....	Lebanon, Pa.

D'Addario, Mario J.....	Eriton, Pa.
Dunkle, Edwin R.....	Beech Creek, Pa.
Fake, Earl S.....	Reading, Pa.
Faust, Guy D.....	Collingdale, Pa.
Fencil, Dorothy A.....	Annaville, Pa.
Giles, Arthur H.....	Orient, Ill.
Gilpin, Virginia J.....	Philadelphia, Pa.
Gingrich, Martha E.....	Palmyra, Pa.
Harrison, Clifford.....	Lebanon, Pa.
Harvey, Albert G.....	Hazleton, Pa.
Helms, Alfred M.....	Lebanon, Pa.
Herr, Della M.....	Annaville, Pa.
Hiester, Mary F.....	Annaville, Pa.
Hoerner, Charles D.....	Hummelstown, Pa.
Hohl, George O.....	Pitman, Pa.
Hughes, Helen M.....	York, Pa.
Hummelbaugh, Katherine M.....	Frederick, Md.
Hutchinson, John R.....	Paradise, Pa.
Kratzert, Katherine E.....	Littlestown, Pa.
Kreider, Elizabeth M.....	Annaville, Pa.
Kreider, Warren B.....	Lebanon, Pa.
Light, Herman K.....	Lebanon, Pa.
Long, Anna E.....	Lebanon, Pa.
Long, Kathryn M.....	Lebanon, Pa.
Lutz, Robert W.....	Chambersburg, Pa.
Lutz, Harold T.....	Chambersburg, Pa.
Matchton, David M.....	Hartford, Conn.
McDonald, J. R.....	Swatara Sta., Pa.
MacDowell, Mamie R.....	Dallastown, Pa.
Merchitis, Agnes F.....	Minersville, Pa.
Miller, Raymond E.....	Palmyra, Pa.
Michael, Gladys L.....	Dodgeville, Ohio
Morrow, Hazel M.....	Duncannon, Pa.
Mutch, Heber R.....	Ephrata, Pa.
Oberholtzer, Raymond L.....	Lebanon, Pa.
Racine, Elroy D.....	Bristol, Conn.
Reeves, C. Mae.....	Highspire, Pa.
Risser, Norman E.....	Brunnersville, Pa.
Rowland, Mildred L.....	Chambersburg, Pa.
Ruth, Ira.....	Sinking Springs, Pa.
Scully, Jasper.....	Rome, N. Y.
Schumacher, John E.....	Hazleton, Pa.
Shader, Ralph F.....	Harrisburg, Pa.

Sharosky, Hale.....	Steelton, Pa.
Sheaffer, Eleanor F.....	Steelton, Pa.
Shenk, S. Lucile.....	Annville, Pa.
Smith, Elizabeth M.....	Robesonia, Pa.
Smith, Richard H.....	Tremont, Pa.
Stein, Kathryn F.....	Annville, Pa.
Stauffer, Donald B.....	Steelton, Pa.
VandenBosche, E. Gaston.....	California, Pa.
Wenner, William F.....	Wilkes Barre, Pa.
Williard, Lester R.....	Shamokin, Pa.
Witmer, Robert L.....	Lemoyne, Pa.

Specials

Allwein, Florence.....	Hummelstown, Pa.
Engle, Dorothy.....	Harrisburg, Pa.
Klopp, Lewis.....	Richland, Pa.
Kohler, W. F.....	Annville, Pa.
Rhoad, Edwin M.....	Annville, Pa.

CONSERVATORY OF MUSIC

Seniors

Herring, William I.....	(Piano).....	Annville, Pa.
*Saylor, Myrle V.....	(Voice).....	Annville, Pa.
Walborn, Carrie M.....	(Piano).....	Lebanon, Pa.

Juniors

Englehardt, Catharine.....	(Piano).....	Lebanon, Pa.
Moeckel, Sara.....	(Piano).....	Lebanon, Pa.
Swartzbaugh, Beulah.....	(Organ, Pub. Sch. Mus.)..	Hanover, Pa.
Witmeyer, Emma M.....	(Piano, Pub. Sch. Mus.)..	Annville, Pa.

Sophomores

Havard, Eleanor.....	(Piano).....	Lebanon, Pa.
*Hoffman, Ruth V.....	(Organ).....	Lebanon, Pa.
Keeney, Martha M.....	(Piano).....	Hershey, Pa.
Kettering, Abigail S.....	(Piano).....	Annville, Pa.
Kreider, Kathryn P.....	(Piano).....	Palmyra, Pa.
Kreider, Grace M.....	(Piano).....	Annville, Pa.
Raab, Minerva V.....	(Piano, Organ).....	Dallastown, Pa.
Seitz, Pearl R.....	(Voice).....	Red Lion, Pa.

Freshmen and Sub-Freshmen

Barto, Marian.....	(Piano, Voice).....	Pine Grove, Pa.
Beatty, Bayard.....	(Violin).....	Annville, Pa.
Bender, Ralph E. L.....	(Piano).....	Annville, Pa.
Evans, Luther W.....	(Piano).....	Annville, Pa.
Farnsler, Elizabeth.....	(Piano).....	Annville, Pa.
Field, Donald E.....	(Organ).....	Lebanon, Pa.
Gephart, Josephine W.....	(Piano).....	Lebanon, Pa.
Gingrich, Minerva.....	(Piano).....	Cleona, Pa.
Hall, Eleanor T.....	(Piano).....	Lebanon, Pa.
Hartz, J. Ernest.....	(Piano).....	Annville, Pa.
Kettering, Esther L.....	(Piano).....	Annville, Pa.
Kettering, Elizabeth V.....	(Piano).....	Annville, Pa.
Kreider, Landis.....	(Piano).....	Palmyra, Pa.
Pell, Verna P.....	(Piano).....	Lykens, Pa.
Rice, Pearl M.....	(Piano).....	Annville, Pa.
Saylor, Gardner E.....	(Violin).....	Annville, Pa.
Sholly, Dorothy M.....	(Voice).....	Annville, Pa.
Shenk, Esther.....	(Piano).....	Annville, Pa.
Smoll, Mary R.....	(Piano).....	Annville, Pa.
Stager, Blanche.....	(Piano).....	Lebanon, Pa.

Specials

*Barefoot, A. Lillian.....	(Voice).....	Alum Bank, Pa.
Barto, John.....	(Violin).....	Palmyra, Pa.
Boeshore, Edith.....	(Piano).....	Palmyra, Pa.
*Boyer, Ralph E.....	(Voice).....	York, Pa.
Cowan, Mrs. Grace.....	(Voice).....	Hershey, Pa.
*Daugherty, J. Dwight.....	(Voice).....	Steelton, Pa.
Daugherty, Roland T.....	(Violin).....	Annville, Pa.
*Darling, Olive.....	(Voice).....	Chandlers Valley, Pa.
Deibler, Mrs. W. E.....	(Voice).....	Millersburg, Pa.
Eichelberger, Martha.....	(Piano).....	Lebanon, Pa.
*Emenheiser, Benjamin.....	(Voice).....	Thermont, Md.
*Farrell, Orin J.....	(Voice).....	Phillipsburg, Pa.
*Fencil, Gladys.....	(Violin).....	Annville, Pa.
Fencil, Louise G.....	(Piano).....	Annville, Pa.
*Fink, Esther M.....	(Voice).....	Annville, Pa.
*Gilpin, Virginia.....	(Violin).....	Philadelphia, Pa.
*Gilpin, Elizabeth.....	(Violin).....	Philadelphia, Pa.
Gossard, Mary E.....	(Piano).....	Annville, Pa.
Goff, Mrs. Ruth.....	(Voice).....	Lebanon, Pa.
Haines, Mary R.....	(Piano).....	Red Lion, Pa.

*Harnish, Lloyd.....	(Violin).....	Lancaster, Pa.
*Haas, Ammon.....	(Violin).....	Annville, Pa.
*Heiss, Elwood.....	(Violin).....	Shermandale, Pa.
*Herr, S. Meyer.....	(Voice).....	Annville, Pa.
*Hummelbaugh, Katharine.....	(Piano).....	Frederick, Md.
Kennedy, H. Mae.....	(Voice).....	Palmyra, Pa.
Kettering, Harvey E.....	(Voice).....	Palmyra, Pa.
Lehman, Benjamin K.....	(Voice).....	Palmyra, Pa.
*Martin, Ralph.....	(Piano).....	Rouzerville, Pa.
*Michael, Gladys.....	(Piano).....	Dodgeville, O.
*Ruth, Ira.....	(Piano).....	Sinking Springs, Pa.
Shenk, Rachael.....	(Piano).....	Annville, Pa.
*Stabley, R. Rhoads.....	(Voice).....	Dallastown, Pa.
Shope, Lillian.....	(Piano).....	Swatara Sta., Pa.
Woomer, Elizabeth.....	(Piano).....	Lebanon, Pa.
Total registered for private lessons.....		70
Receiving class instruction, but not private lessons.....		40
Total.....		110

ACADEMY STUDENTS

Barefoot, Alma.....	Alum Bank, Pa.
Bartholemew, Edward.....	East Mauch Chunk, Pa.
Bedsworth, Lula.....	Baltimore, Md.
Behman, Russel.....	Steelton, Pa.
Bowman, John B.....	Middletown, Pa.
Bressler, Elias D.....	Lebanon, Pa.
Brendle, R. C.....	Ephrata, Pa.
Camillo, Omar.....	Yucatan, Mexico
Canoles, Wm. S.....	Texas, Md.
Fortna, Raymond.....	Lebanon, Pa.
Gilpin, Elizabeth D.....	Philadelphia, Pa.
Harnish, Lloyd S.....	Lancaster, Pa.
Hummer, Chas. L.....	Linglestown, Pa.
Lengle, Blanch.....	Lancaster, Pa.
Lewis, Millard M.....	Shamokin, Pa.
Martin, Ralph E.....	Rouzerville, Pa.
Ruiz, Carrillo.....	Yucatan, Mex.
Spangler, Roy W.....	Annville, Pa.
Swanger, M. L.....	Mechanicsburg, Pa.
Trout, Ida E.....	Lancaster, Pa.
Wrightstone, Eugene.....	Mechanicsburg, Pa.
Williams, J. Byron.....	Lykens, Pa.

Wolf, Walter Francis.....	Hartford, Conn.
Zeigler, Roy R.....	Mechanicsburg, Pa.
Students regularly matriculated in the Academy.....	24
Students from other departments receiving instruction in the Academy	25
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Total enrollment in the Academy.....	49

STUDENTS IN ORATORY

Seniors

*Lefever, Myrtle M.....	York, Pa.
*Maulfair, R. Helena.....	Lebanon, Pa.

Juniors

Bonitz, Josephine M.....	Steelton, Pa.
*Hummelbaugh, Katherine.....	Frederick, Md.
*Miller, Mabel V.....	Reading, Pa.
*Stager, Edith V.....	Lebanon, Pa.

Specials

*Behney, Bessie B.....	Fredericksburg, Pa..
*Cretzinger, John I.....	Duncannon, Pa.
*Darling, Olive E.....	Chandlers Valley, Pa.
*Fink, Esther M.....	Annville, Pa.
*Glenn, Maryland L.....	Red Lion, Pa.
*Hastings, Edgar C.....	Highspire, Pa.
*Heffelman, Ruth.....	New Cumberland, Pa.
*Herr, S. Meyer.....	Annville, Pa.
*Hershey, Josephine L.....	Myerstown, Pa.
Kenser, Mary.....	Lebanon, Pa.
Kreider, Mary.....	Annville, Pa.
*Lehman, Ethel M.....	Hummelstown, Pa.
*Michael, Gladys.....	Dodgeville, O.
*Saylor, Myrl V.....	Annville, Pa.
*Shadel, Russel O.....	Williamstown, Pa.
*Smith, E. Virginia.....	Reading, Pa.
*Stein, Kathryn.....	Annville, Pa.
*Stern, Anna E.....	Elizabethtown, Pa.
*Strine, Huber D.....	Manchester, Pa.
*Zeitlin, Dora.....	Leighton, Pa.
Regular students in Oratory.....	3
Students matriculated in other departments.....	24
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Total receiving instruction in Oratory..... 27

Students in Art

*Barto, Marian.....	Pine Grove, Pa.
*Bonitz, Josephine.....	Steelton, Pa.
*Glenn, Maryland L.....	Red Lion, Pa.
*MacDowell, Mamie.....	Dallastown, Pa.
Oyer, Miriam.....	Annville, Pa.
*Raub, Minerva V.....	Dallastown, Pa.
*Rowland, Mildred.....	Chambersburg, Pa.
*Snyder, E. Myrtle.....	Robesonia, Pa.

DEGREES CONFERRED JUNE 18, 1919**Doctor of Laws**

Hon. A. S. Kreider.....	Annville, Pa.
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Doctor of Divinity

J. Balmer Showers.....	Dayton, O.
A. E. Shroyer.....	Annville, Pa.

Bachelor of Arts

Bachman, Susan C.....	Lebanon, Pa.
Batdorf, Lottie M.....	Lebanon, Pa.
Bossard, Ada C.....	Annville, Pa.
Bouder, Norman C.....	Lebanon, Pa.
Boughter, Isaac F.....	Pine Grove, Pa.
Boyer, Emma I.....	Reading, Pa.
Bunderman, Walter Q.....	Lebanon, Pa.
Baker, E. Benj.....	Strasburg, Va.
Castetter, Edward F.....	Shamokin, Pa.
Darcas, Luella M.....	Lebanon, Pa.
Dundore, Samuel T.....	Mt. Aetna, Pa.
Early, Martha E.....	Palmyra, Pa.
Evans, Wm. T.....	Lykens, Pa.
Fasnacht, Anna B.....	Palmyra, Pa.
Fencil, Elizabeth K.....	Annville, Pa.
Geyer, Harvey K.....	Florin, Pa.
Gingrich, Kathryn S.....	Lickdale, Pa.
Haines, Ruth L.....	Philadelphia, Pa.
Heberlig, Raymond S.....	Highspire, Pa.
Hilbert, Paul E.....	Allentown, Pa.
Hughes, Ruth M.....	York, Pa.
Jones, Lucia M.....	Lebanon, Pa.
Kline, Frankie A.....	Tower City, Pa.

Lenhart, Miriam S.....	New Cumberland, Pa.
Lutz, Mary S.....	Chambersburg, Pa.
Moore, Mabel E.....	Lancaster, Pa.
Miller, Carolyn A.....	Waynesboro, Pa.
Oliver, J. E.....	Martinsburg, W. Va.
Peck, D. Wilbert.....	Chambersburg, Pa.
Rhoads, Russell H.....	Lykens, Pa.
Schmidt, Martha V.....	Lebanon, Pa.
Secrist, Elena E.....	Churchville, Va.
Sloat, Ralph L.....	Rockport, Pa.
Snaveley, Francis B.....	Ramey, Pa.
Snyder, Grace E.....	Boiling Springs, Pa.
Tschudy, Earl H.....	Lebanon, Pa.
Weidler, Edna M.....	Cherry Creek, N. Y.
Wingerd, Ray D.....	Chambersburg, Pa.
Yetter, Harry S.....	Stevens, Pa.
Zeigler, Jesse O.....	Elizabethville, Pa.

Bachelor of Science

Imboden, J. Nissley.....	Hershey, Pa.
Rupp, J. Paul.....	Harrisburg, Pa.
Snyder, Rufus H.....	Manheim, Pa.

CONSERVATORY DIPLOMAS PRESENTED JUNE 18, 1919

Bordner, Esther E., (Piano).....	Fredericksburg, Pa.
Witmeyer, Emma M., (Certificate Pipe Organ).....	Annville, Pa.
Kennedy, Hattie M., (Certificate Public School Music).....	Palmyra, Pa.
Landgraf, Helen E., (Certificate Public School Music).....	Lebanon, Pa.

ACADEMY DIPLOMAS PRESENTED JUNE 18, 1919

Angell, Lena E.....	Taneytown, Md.
Kohler, Wm. F.....	Annville, Pa.
Simondette, C. A.....	Philadelphia, Pa.
Murphy, John A.....	Rome, N. Y.
McDonald, J. R.....	Swatara, Pa.

Diploma in Oratory Presented June 18, 1919

Kreider, Violet Mark.....	Annville, Pa.
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SUMMARY

Graduate Students.....	3
Seniors.....	40
Juniors.....	31
Sophomores.....	35
Freshmen.....	61
Specials.....	5
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Total in the College.....	175
Academy.....	49
Music.....	110
Oratory.....	27
Art.....	8
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Total enrollment in all departments.....	369
Names repeated in Academy, Music, Oratory and Art..	117
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Net enrollment.....	252

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BLANK FORMS FOR WILL BEQUESTS

I give and bequeath to the "Trustees of Lebanon Valley College, in the County of Lebanon, in the township of Annville," incorporated under the laws of the State of Pennsylvania, the sum of.....dollars; and the receipt of the Treasurer thereof shall be sufficient discharge to my executors for the same.

In devises of real estate observe the following:

I give and devise to "The Trustees of Lebanon Valley College, in the County of Lebanon, in the township of Annville," incorporated under the laws of the State of Pennsylvania, the following land and premises, that is to say.....to have and to hold the same, with the appurtenances, to the said Board, its successors and assigns, forever.

Persons making bequests and devises to the Board of Trustees, or knowing that they have been made, are requested to notify the President of the College, George Daniel Gossard, Annville, Pa., and, if practicable, to enclose a copy of the clause in the will that the wishes of the testators may be fully known and recorded.

Persons making bequests who may desire to have the bequests devoted to some particular purpose, such as general endowment, or the endowment of a chair, or for a building, or for the endowment of a scholarship, are requested to make specific mention of the same in the will provision.

